Learnium

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www.Learnium.app

Table of Content

1. About Learnium

4. Development Process

5. Meet the Team

Identify the Opportunity	5
Application Features	6
Industry Research	9

Data Model	35
System Architecture	36

2. Technology & Timeline

Tech Stack	13	Introduction to the Team	39
Project Timeline	14		

References and Citations

42

3

3. Design Process

User Research	17
Identify Persona	18
User Flow	20
Wireframe	22
Mockup	26
Style Guide	28
UI Kit	30



Identify the Opportunity Application Features Industry Research

Identify the Opportunity

In today's fast-paced world, the demand for efficient and effective learning solutions is higher than ever before. Traditional passive learning methods, such as reading books or watching videos, often lead to suboptimal understanding and retention of knowledge. Learners are seeking interactive and technology-driven approaches to enhance their learning experiences. "Learnium" aims to bridge this gap by providing a versatile platform that leverages technology to revolutionize the learning process.



Pain Point

"Passive learning" is the dominant way of learning new topics for most people, whether it's by reading a book, watching a video, or listening to a podcast. The problem is that it doesn't result in the best understanding of the topic and the learner cannot memorize key information.

Better results can be achieved through **"Interactive learning"** where learners have opportunities to practice the knowledge with quizzes or flashcards, see their progress and areas of improvement, and customize and research for further content. But this approach is a real hard work.

Learnium is an AI-Powered mobile app in edTech industry. Learnium simplifies the learning process by transforming textbooks into interactive content, provides a dynamic learning schedule, and keeps learners engaged in practice and tests by rewarding their progress.

Application Features

Interactive Content

Creating interactive content in Learnium is simple. It's possible through uploading PDF, pasting text from other sources, taking photo of the book pages and using Optical Character Recognition (OCR) technology to turn photo into text. Learnium scans through imported material and generates the key topics that user needs to practice in each learning session. **Key topics are building blocks of a course** and include three specific modules; **quiz**, **flashcards** and **summary**.



Leveraging Generative AI, Learnium analyses

content that is provided to the app and then creates key topics, and then generates relevant quiz questions, flashcards, and summaries, based on key topics. These tools align with the content, ensuring accuracy and relevance, and integrate to create a "Structured Learning Material".

To benefit from the power of writing in the memorizing process, learners can write the answer on the flashcard and receive a rough result about how accurate their answer is. This feature makes flashcards even more interactive.



Dynamic Study Planner

Learnium tailors study sessions to user's learning preferences and upcoming exam dates. The study plan is responsive to the learner's progress and quiz results and covers everything that the learner needs to practice to achieve a certain result. While Fixed schedules don't adapt to individual needs. This feature solves this problem by dynamically adjusting schedules based on content, exam date, and quiz performance, reducing overwhelm or boredom.

6

Progress Tracker

Tracking progress is critical for personalized learning and improvement. Learnium uses the results of the quizzes to show which areas learners did well and which areas need improvement. This feature also keeps track of the learning progress in specific courses and key topics. The app focuses on how well learner performs on quizzes and allows them to take more quizzes on the topics to reach a certain competency level.





AI Assistant

AI Assistant is a chat bot called Dr.Lumi which searches for the answers only through the imported material to ensure reliability. Whenever the learner has questions or needs clarification on the coursework, Dr.Lumi provides detailed and insightful answers, often accompanied by clarifying examples, allowing the learner to grasp complex concepts with ease.

Daily Challenge

Learnium's daily challenge feature serves a dual purpose for learners. Not only does it help them maintain knowledge retention, but it also brings them back to the app consistently, even when they're not actively learning. In other words, it transforms their free moments into opportunities for productive learning.



Security Features

Security is a top priority for Learnium, as it involves handling user data, personal information, and educational content. The application is designed with multiple layers of security to ensure the privacy, integrity, and confidentiality of user data. Our Key Security Measures are:

User Authentication

Learnium employs Firebase Authentication, a secure and trusted authentication mechanism. Users' login credentials are encrypted and stored securely. Multi-factor authentication options are available to enhance account security.

Data Encryption

All data transmitted between the app and the cloud servers is encrypted using industrystandard encryption protocols (HTTPS). This ensures that user data remains confidential during transmission. Firebase Real time Database and Firebase Storage data is stored in an encrypted format, safeguarding user content and progress.

Access Control

User data access is strictly controlled based on roles and permissions. Firebase's built-in access management tools help limit access to authorized users only.

Secure Storage

8

User-generated content, such as notes, summaries, and quiz results, is stored securely in Firebase Storage with limited access. This prevents unauthorized access to user-generated data.

Al Integration Security

When integrating with external AI services like OpenAI and LangChain, Learnium follows best practices for secure API communication. API keys and authentication tokens are stored securely.

Data Backups

Regular data backups are performed to prevent data loss due to unexpected events. Firebase's backup and restore functionality ensures data resilience.

Privacy Compliance

Learnium adheres to data privacy regulations, including GDPR and CCPA, to protect user privacy and provide transparency regarding data collection and usage.

Cloud Feature

User's data such as their progress, note, quiz, schedule will be stored not only on local devices but also on cloud storage so users can continue their experience across devices. That data will be protected with up-to-date security standards for privacy purposes.

Focus Mode

It temporarily silences notifications, adjusts screen settings for optimal readability, and provides a distraction-free environment for deep learning.

Industry Research

In an extensive research involving 300 million students around the world, Professor John Hattie of the University of Melbourne has evaluated 252 variables and their effect sizes related to student achievement. Hattie was curious about which variables would have the biggest impact. "Although almost everything we do improves learning, why not prioritize the ones that will have the greatest effect?" Hattie calculated a score or effect size for each according to its impact on the students' learning and took into account any aspects that could be taken into account as regards implementation costs.



In this list, around half of the variables have Potential to accelerate or considerably accelerate student achievement. We have been focusing on nine of these variables in our project, which we combined with user interviews result to come up with the application's features.

Project Viability

The traditional education and learning landscape are evolving rapidly. With the rise of e-Learning platforms, on-demand content, and remote education, there's a growing need for innovative solutions that cater to the diverse learning preferences of users.

Technology Integration

Today's learners are tech-savvy and prefer digital solutions that adapt to their needs. The integration of generative AI, OCR technology, and cloud-based learning tools is a compelling proposition for modern learners seeking more interactive and personalized learning experiences.

Efficiency

Technology enables the automation of time-consuming tasks like content summarization, quiz generation, and study schedule creation. This automation enhances learning efficiency, allowing users to cover more material in less time.

Personalization

The Progress Tracking and Responsive Study Planner features provide personalized learning paths. Users can identify their strengths and weaknesses, focus on challenging topics, and receive tailored recommendations for improvement.

9

Competitive Analysis

While there are existing e-Learning platforms and tools, "Learnium" differentiates itself through its unique combination of features:

AI-Powered Content Generation

Few competitors offer AI-generated quizzes, flashcards, and summaries from user-uploaded content.

Structured Learning Material

Learnium identifies key topics in an imported material and based on that creates learning sessions for the user. This feature brings a school-like structure to the learning experience and simplifies acquiring process and is unique to Learnium.

Dynamic Study Plan

Learnium tailors study sessions to user's learning preferences and upcoming exam dates. The study plan is responsive to the learner's progress and quizzes results and covers everything that learner needs to practice for achieving a certain result. This feature is unique to Learnium as well.

Al assistant

Al Assistant is a chat bot which searches for the answers only through the imported material to ensure reliability. Whenever the learner has questions or needs clarification on the coursework, the Al Assistant provides detailed and insightful answers, often accompanied by clarifying examples, allowing user to grasp complex concepts with ease. Among the existing applications, only Learnium offers this feature

Focus mode

It temporarily silences notifications, adjusts screen settings for optimal readability, and provides a distraction-free environment for deep learning. Only Learnium offers this feature to maximize the learning efficiency.

Progress Tracker

Learnium uses the results of the quizzes to show which areas user did well and which areas need improvement. It also keeps a track of the learning progress in specific courses and key topics. Other existing applications also provide this feature in different forms.

Motivation Factor

We designed Learnium to be an engaging and motivational application. Learnium's mascot, Dr.Lumi, appears on different screens with relevant and motivational messages to encourage learners to strive for better results. Daily challenge is another feature that is designed to keep learners engaged in learning, even when they're not actively studying. All other competitor have a method to keep the users engaged.

By embracing cutting-edge technology and addressing the evolving demands of today's learners, "Learnium" aims to offer a more engaging, efficient, and inclusive learning solution. The project's viability lies in its ability to tap into the changing educational landscape and provide a unique, technology-driven approach to active learning.

	Learnium	Quizizz	Quizlet	Kahoot
AI-Powered Content Generation	\checkmark	×	\checkmark	×
Structured Learning Content	 ✓ 	×	×	×
AI Assistant	 Image: A set of the set of the	×	×	×
Progress Tracker	 	\checkmark	\checkmark	\checkmark
Responsive Study Planner	 Image: A second s	×	×	×
Motivation Factor	 Image: A set of the set of the	\checkmark	\checkmark	\checkmark
Focus mode	~	×	×	×
)		





Tech Stack Project Timeline

Tech Stack

Design

Ai Ae Pr Id Ps

We utilized Figma to create user flow, wireframe, mockup, and design system. To design the logo, icons, illustration, and marketing assets we used Adobe Illustrator and Photoshop. Adobe After Effects and Premiere Pro were used to produce components' interaction, logo animation, and application teasers. The proposal and other printed collaterals were created using Adobe InDesign.

Development



Our mobile app is developed employing a versatile array of technologies. React Native, in conjunction with Expo, significantly facilitated the development process, providing a robust platform for enhanced efficiency. Front-end components were meticulously styled using Vanilla CSS, and for seamless transitions, the implementation of Reanimated was pivotal. On the back-end, we adopted Node.js with Express to proficiently manage logic and API endpoints.

Data storage constituted a crucial component of our architecture, and we opted for MongoDB as our preferred NoSQL database solution, ensuring adaptability and scalability for effective data management and processing.

Incorporating auxiliary technologies, we integrated third-party libraries for visualization and data processing. Notably, the inclusion of OpenAI library and Langchain, alongside a vector database, empowered us to handle and train a proprietary model based on user-uploaded data.

Project Management

Our development workflow is fortified by robust tools. GitHub serves as our version control repository, ensuring seamless collaboration. Slack facilitates efficient communication among team members, while Jira meticulously oversees project management. This comprehensive tech stack underscores our commitment to leveraging the latest and most effective solutions throughout the app development lifecycle.

Project Timeline



Development Timeline (Weekly Sprints)

Design Timeline (Weekly Sprints)





User Research Identify Persona User Flow Wireframe Mockup Style Guide UI Kit

User Research

User Interview

To gather qualitative data about the users, we conducted a user interview process. Our main objective was to identify our user persona, their pain points, goals, and stories. We began with a pre-assumption of the user's demography and categorized the users into three main learner types: high-school students, college or university students, and professionals who are studying for a career shift or promotions. We designed the interview questions to gain a deep understanding of our users' needs, frustrations, and goals in the following areas:

- What are their frustrations when studying topics that require reading and memorizing?
- What method of studying works best for them?
- How do they keep engaged in learning a specific topic without getting bored and quitting?
- How do they ensure that they are competent after studying a topic?
- How do they prepare for an upcoming exam?
- What assistive methods do they use to learn more efficiently?

We conducted and recorded nine user interviews and analyzed the answers using the thematic method in which we reviewed the answers, summarized key points, categorized and clustered them to define themes. This helped us to identify the key pain points and goals of our users and led to defining user persona and main features that meet the needs of our users and address their pain points.



Survey

In another research, we designed a survey and gathered answers from 40 college and university students. The purpose of this survey was to modify the quiz feature where we asked the questions in the following areas:

- Frequency of taking quizzes or practice questions when preparing for exams
- The optimal number of questions in a preparing exam in the learning apps
- Relationship between the difficulty of the exam material and the number of questions in a quiz
- Types of regular academic tests(MCQ, Written, True/False, Other)
- Relationship between taking quizzes/practice sessions and competency

Research Persona



Thea

22 years old Second-year college student majoring in History

I want a tool with interactive flashcards and quizzes as part of my study routine, so that I can practice and test my knowledge, identify areas that need further review, and improved my academic performance, effectively.

Tech familiarity: Thea is relatively tech-savvy, using smartphones, laptops, and web applications for her studies and communication.

Cultural Status: Thea comes from a middleclass background that values education, and she's culturally open to diverse perspectives.

Learning Environment: Thea studies on campus, often in quiet places like libraries or cafes, enjoys collaborative learning, and is comfortable with online and hybrid classes.

Learning Style: Thea prefers absorbing information through lectures and textbooks while taking notes and using visual aids to deepen her understanding.

Learning Goals: Thea's primary learning goals are improving her grades and enhancing time management skills to balance academics and hobbies.

Learning Challenges: Thea faces challenges in time management, a tendency to procrastinate, and improving her concentration in a quiet study environment. **Social Media:** Instagram, Twitter, LinkedIn, Facebook

Core Needs:

Academic Success: Thea is determined to excel academically and maintain a high GPA to pursue a successful career in history or related fields.

Social Connection: Despite her busy schedule, Thea values her social life and the connections she's made with fellow students. She seeks a balance between academics and social activities for her mental and emotional well-being.

Career Aspirations: Thea is eager to make a meaningful contribution to the field of history and aspires to engage in research and teaching.

Time Management and Stress Reduction:

With a demanding academic load, Thea needs effective time management strategies and stress-reduction techniques to avoid burnout and stay motivated.

Ava

24 years old Third-year bachelor's student majoring in Art History

I want a tool that summarizes my course books, so that I can practice the most important concepts easily and get prepared for exams. It would be great if it has an intelligent Q&A system that provides detailed and reliable answers to my questions.

Tech familiarity: Tech-savvy when it comes to learning content and uses different apps and websites to improve her learning process.

Cultural Status: A second-generation immigrant who likes to study her mother language to keep in touch with her cultural roots.

Learning Environment: Primarily studies in a quiet and organized home environment. However, she spends long time commuting to school or work and she prefers to study during this time.

Learning Style: Visual learner who prefers interactive and visually engaging content.

Learning Goals: Her short-term learning goal is maintaining a high GPA and her long-term goal is pursuing a career in art curation or museum management.

Learning Challenges: Time management due to packed academic and extracurricular schedule.

Social Media: Instagram, LinkedIn, YouTube

Core Needs:

Motivation: Ava requires a learning platform that inspires her to excel in her

studies. Personalized progress tracking and achievement recognition are essential to keep her motivated and driven to succeed.

Focus: With a busy schedule balancing school coursework and online language classes, Ava needs a learning environment that helps her maintain focus. So, a distraction-free interface is crucial, as well as tools that allow her to manage her time effectively, set study goals, and track her progress.

Reliable Source: Ava needs a learning platform that offers accurate content. This ensures she learns with confidence and avoids incorrect information.

Tech-Assisted Learning: Ava is comfortable with digital tools. She looks for features such as interactive lessons, multimedia resources, and adaptive learning experiences that help her grasp concepts efficiently.

Clarification: Ava needs a platform that clarifies complex concepts and resembles an instructor in her learning process.

User Flow





Wireframe

Based on the user flow and modified features, the wireframes are categorized as followed:

- Create New Course & Access Permissions
- Study (Home Screen)
- Material & Editing
- Key Topic & Editing
- Summary & Flash Cards

- Al Assistant
- Quiz and Result
- Check Progress
- Daily Challenge
- Profile

We annotated the wireframes to make all flows and interactions clear.

Quiz and Result Flow

- 1. Takes user back where they come from :) and opens pop-up 1
- 2. Name of course and key topic (if this test is for course, it means it's a comprehensive test and only name of course appears here)
- 3. The initial condition of focus mode in this page is what the user already has set on the home page. It can be toggle on/off here as well
- 4. Choosing the type of questions that user want to answer. At least one must be toggled on. All of them can be on as well
- 5. Starts quiz
- 6. Timer takes the time of exam. Time is not limited
- 7. Number of current questions comparing the total number of questions
- 8. First form of true/false question. It's similar to flash card concept
- After answering user has to hit next to go forward. They can go backward to check previous questions as well. On the first question, back button takes user to the set up page
- 10. Second form of true/false question
- 11. Multiple choice question





9

Next

Previous

The first screen on the left page is the page to set up the quiz before starting it.

On the right side, three different types of questions are shown. The true/false questions can be asked in two different ways; one when "term" is asked and another when "expanation" is asked.



Continuing on the quiz flow, the left screen on this page is the written question type. The second screen shows the modal that pops up after the last question is answered. The right screen is the quiz result page where all different scenarios for correct and incorrect answers are considered.



Quiz and Result Flow-Continued

- 12. Written question
- 13. This button appears on the last question to give a hint this is the final question. After hitting, the popup 13 opens up
- 14.Goes back to the final question shows the result, page 15
- 15. Goes to the home page
- 16.A customized message base on the exam result
- 17.Exam score, number of correct, incorrect and noanswer questions, as well as total exam time
- 18. Filters the answers to show only the incorrect and no-answer questions or show all the questions
- 19.A correct answer to true/false question
- 20. An incorrect answer to true/false question
- 21.A correct answer to MCQ
- 22. An incorrect answer to MCQ
- 23.A correct answer to written question
- 24. An incorrect answer to written question
- 25.On incorrect answers a sign appears to use
- 26.AI assistant. It opens Ask AI and asks the related exam question from AI
- 27.Start a new quiz. On the button text, the number of taken quizzes/tests for this specific key topic/course is shown



Mockup

Create New Course Flow



Study Flow



Style Guide

Mascot and Logo

Learnium is a platform to make the learning process, efficient. Learnium is a combination of the word "Learn" and the suffix "ium" which can be used to indicate the setting where a given activity is carried out. To make our application more engaging for the target user, we chose an octopus as the brand mascot. Octopuses are known for their adaptability and problem-solving skills. Similarly, Learnium aims to adapt to individual learning styles and provide solutions to various educational challenges. On the other hand, octopuses are capable of multitasking and have several arms to handle different tasks simultaneously. This symbolizes the app's ability to offer various learning features and assist with multiple aspects of the learning process.



Our mascot is called Dr.Lumi and creates a playful and approachable theme to prevent boredom due to study. To keep the brand consistent and memorable, we incorporated Dr.Lumi in our logo sign. Combined with the book, the logo sign has the essence of the Learnium app.



Color

The primary color is Purple which is associated with creativity and wisdom. It can evoke a sense of innovation and intelligence, aligning well with the educational nature of Learnium.

White as our secondary color creates a clean and modern aesthetic, providing a visually appealing background that allows other colors to stand out.

Yellow as an accent color adds a touch of playfulness and fun to the app. The other accent color is coral which complements well with purple and yellow and is used for special conditions such as incorrect answers or overdue schedules.



Typography

We chose "Gabarito Bold" for the headings to add a touch of formality to the app. Because Learnium is a heavy-text application, "Nunito" typeface is an appropriate choice for the body text because of its legibility. Its soft edges are easy on the eyes and help users keep studying on the app.

Gabarito Bold Heading 1

Heading 2

Heading 3

Nunito ExtraBold Semibold

Body Title	Challenges and Conflicts: Wars and
Body	Embark on an extraordinary journey through the
	annals of time with our comprehensive set on "World History - Ancient Civilizations."

UI Kit

Navigation Menu



For the icons, we wanted to move away from the standard and traditional icons. We made them more visually appealing and made them gamified by adding micro-interactions. Even with special design for the icons, they're easily recognizable to the users.

All the components in the UI kit are designed with the learners' motivation in mind.

Toggles

Text	
Text	

Progress



The header on the Progress page contains different information. It shows the number of taken quizzes on this topic, the average score of the quizzes, and an informative and motivational comment. Also Dr.Lumi's facial expression aligns with the average score.

Buttons



Primary buttons are used for the primary actions such as "Create Material", "Start Quiz", and "Next" in quiz. Secondary buttons are used for other actions such as "Cancel", "Previous" and etc.

Tabs



Messages



Ready to Learn?

Get ready for today's journey into new knowledge and exciting content.



Uh, oh...

Catch up on what you didn't study or explore what you missed yesterday



Let's Review! Get ready for today's journey into

new knowledge and exciting content.

These tabs and messages appear on the home page and separate the overdue content, today's schedule, and the content which needs review, according to the quiz results.

Test Result Details

Three different states for the test result including correct and incorrect answers and not-answered. Incorrect answers have a link to the Ask AI page for more explanation.

Title

Mauris et odio purus. Nullam quis ante quam. Nulla gravida pharetra ligula sed sollicitudin. Duis tincidunt tempor volutpat. Nulla vel cursus elit.

Title

Mauris et odio purus. Nullam quis ante quam. Nulla gravida pharetra ligula sed sollicitudin. Duis tincidunt tempor volutpat. Nulla vel cursus elit.

Explanation

Х

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Title

Mauris et odio purus. Nullam quis ante quam. Nulla gravida pharetra ligula sed sollicitudin. Duis tincidunt tempor volutpat. Nulla vel cursus elit.

Topic Cards

Key Topic Title Here From: Course Title Here Due Date: Today **Key Topic Title Here** From: Course Title Here Due Date: Today **Key Topic Title Here** From: Course Title Here Due Date: Today **Key Topic Title Here** From: Course Title Here Due Date: Today **Key Topic Title Here** From: Course Title Here Due Date: Today **Key Topic Title Here** From: Course Title Here Due Date: Today

Topic cards appear on the home screen and reveal different information. Their color indicates whether they're overdue content, today's content, or review content. They contain the topic name, parent material, and exam date.

Upload Buttons





Test History



Includes all previous test results and the date quiz was taken.

Flashcard

It refers to the process by which former colonies gained independence from imperial powers. It reshaped the geopolitical landscape and marked a significant turning point in the 20th century.

Term

Write term here

Flashcard has two sides which is indicated by color. The bookmark icon on top of the card saves it as important to be shown more frequently. The text box on the first side allows users to input the answer if they want. However, it's not mandatory and by tapping on the card, they can see the other side of the card. Also swiping to right and left navigates the cards back and forth.

Chips



Decolonization



Data Model System Architecture

Data Model



System Architecture





The main function of our application is leveraging user-uploaded content to train a custom model. We use several libraries to accomplish this, with LangChain serving as a foundation. A sophisticated framework called LangChain is intended to integrate AI and its machine learning subset with ease. Large language models can be combined with this framework to create an application that is empowered by Language Models (LLMs). Furthermore, to effectively handle and store high-dimensional embedding representations of data, we construct a robust vector data store. By using a strategic approach, document queries become more effective since the system can determine which document is the most similar to the guery that was provided. Our application guarantees a strong and accurate user experience in information retrieval and analysis by utilizing these cutting-edge technologies.





Introduction to the Team

Introduction to the Team

Learnium is a team of eight members from diverse backgrounds with different working experiences in graphic design, marketing, engineering, project management, business, and computer science. Together, our team is enthusiastic about using technology to solve everyday issues and about using our solutions to positively influence the community. Having cooperated on other academic projects, we had a solid understanding of one another, and with common interests and commitment, we teamed up once more to develop an ambitious product.

This journey started with a common goal to transform the way people approach learning.

We saw the necessity for an inventive and user-centric learning platform by utilizing our combined skills. The idea behind Learnium was to bridge the gap between traditional educational methods and the dynamic, tech-driven world we live in.

Each team member brought a unique set of skills and perspectives and collaborated effectively and committed to make this project happen. Through countless brainstorming sessions, late-night coding marathons, and iterative design processes, Learnium has evolved into a platform that we are proud to share with the industry.



After completing three comprehensive projects in our academic journey, we now feel competent and ready to tackle industry projects with a blend of theoretical knowledge and practical skills.



Nahla Niavarani

UX/UI Designer

in /in/nahlania

🌐 nahlania.com

With an engineering background and ten years of experience in digital media and design, I specialize in developing human-centered solutions that seamlessly blend technical mindset with artistic flair. UX Research | User Flow | Wireframing | Design System | SASS



Vaibhav Malhotra UI/UX Designer

in /in/vaibm

vibingmotion.com/

Experienced product and motion designer with a mechanical engineering background. Skilled in HTML, CSS, Figma, After Effects, Illustrator, Photoshop, Indesign, and Premiere Pro, passionate about creating visually appealing and user friendly products, and adept at crafting captivating motion graphics.



Wakana Kaneiwa UI/UX Designer

in /in/wakanakaneiwa

wakanakaneiwa.com

I'm a UI/UX designer with 4 years of project manager experience in agile development of SaaS products. I oversee all processes related to the design of this project, especially the UX area.



Pablo Montoya Varela UI/UX Designer

in /in/palimv

palitriestodesign.com

After transitioning from Industrial Design, I am now fully dedicated to UI and UX, progressing as a UI designer, Front-end enthusiast, and passionate UX explorer.

Ai | Ae | Ps | Figma | HTML | CSS | SASS | JS



Edgar Velandia Full Stack Developer

in /in/edgarvelandia

Alvelx

I am a Microsoft Dynamics F&O technical consultant and Microsoft Power Platform developer, I have helped companies improve their business processes using the latest Microsoft technologies. In the WMDD program, I am learning full-stack technologies, focusing on the backend.



Thawatchai-Tony-Saengthamchai

PM - Full Stack Developer

- in /in/tony-sa/
- () /tony-Thawatchai

Full-stack developer, ex-advertising CEO specializing in social issue campaigns with over 15 years of experience. Build product people love with a strong understanding of user experience. React | Next JS | Material UI | Express JS | Node JS | Mongo DB



levgeniia Chornobai

Full Stack Developer

in /in/ievgeniia-chornobai

() /eugenia-chornobai

Full-Stack Web & Mobile Developer with 20 years of experience in Psychology teaching and counselling. Also, experienced in running training educational centres, organizing educational conferences and public events, managing teams and processes.



Mario Cesena

Full Stack Developer

in /in/mario-cesena

(mariocc22)

Bachelor's degree in Mechatronics Engineering. Worked as a Manufacturing and Equipment Engineer for almost 4 years in Mexico. My main expertise relies on automation and PLC programming for production equipment.

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