ALVIN ZANUA PUTRA

+6281217835337 | zanualvin06@gmail.com | linkedin.com/in/alvinzanuaputra | alvinzanuaputra.vercel.app

Jombang, East Java

I am a full-stack web developer from Indonesia, specializing in websites, web applications, and user interfaces. in addition to web development, I have experience in frontend design, game development and basic IoT. My coding journey started in 2021 Currently pursuing a bachelor's degree in computer science, I am eager to learn and grow. I have expertise in data retrieval using Axios and state management tools such as Redux and React Context. In addition, I am skilled in full-stack development with Next.js, MySQL, PostgreSQL, Prisma ORM, and Firebase. Proficient in Git, I am confident in my ability to deliver reliable software solutions that people can enjoy.

EXPERIENCES

Client's Business Top Up Website - Surabaya,   Feb 2025 – Present
East Java

Backend Engineer with Laravel Framewok

Developed a top-up website for a client's business, utilizing Laravel for the backend, Tailwind CSS for the user interface, and WhatsApp API for transaction confirmation. The website was designed to streamline top-up transactions with a modern and efficient system.

- Built the backend system using Laravel to manage top-up transactions.
- Designed a responsive and modern user interface with Tailwind CSS.
- Integrated WhatsApp API for automated notifications and transaction confirmations.
- Utilized MySQL as the database to store and manage user and transaction data.
- Ensured system security and efficiency by optimizing backend performance and database queries.
- Delivered the project according to client requirements, ensuring system stability and reliability.

Student Creativity Program (PKM) 2024 - Surabaya,   Mar – Jul 2024
East Java

Chief Technology Officer

As part of the Student Creativity Program (PKM) 2024, our team developed WeapMath, a multiplayer educational game designed to make learning mathematics more interactive and enjoyable for middle school students. By incorporating ethnomathematics, the game connects mathematical concepts with cultural heritage, providing a unique and engaging learning experience.

- Developed the game using Unity and C#, ensuring smooth and immersive gameplay.
- Implemented a multiplayer system to enhance interactive learning experiences.
- Integrated ethnomathematical concepts to connect math learning with cultural heritage.
- Led the development of the official WeapMath website using TypeScript and Tailwind CSS for a modern, responsive user experience.
- Successfully secured funding and recognition under the PKM 2024 initiative.
- Published the game on Google Play Store and maintained the project's website.

National Business Plan Competition (NBPC) 2024 – **Surabaya**

East Java   Jan – Jun 2022

Semifinalis & Frontend Web Engineer

Participated in NBPC 2024, a national business plan competition organized by HMP Mathematics and HMP Mathematics Education, FMIPA, Universitas Negeri Surabaya. Our team developed a business plan for game development in the technology sector, focusing on innovation and market potential in the gaming industry.

- Designed and developed the official project website using TypeScript, ensuring a modern, responsive, and user-friendly interface.
- Developed a strategic business model for a sustainable game monetization plan.
- Created an innovative game concept that integrates technology and market needs.
- Achieved semifinalist position, competing against top university teams across Indonesia.

EDUCATION LEVEL

Institut Teknologi Sepuluh Nopember - **ITS Main Street, Sukolilo, Surabaya 60111**   Agu 2023 – Now

Undergraduate in Informatics Engineering

- Learned basic web development
- Successfully created a fullstack website for web development class
- Created a mobile apps that calls 'notes app' for mobile programming class   Developed a basic programming with C++, Java, and Python.

SMA Negeri Ngoro - **Kauman, Ngoro District, Jombang 61473**   Jul 2020 – Mar 2023

High School Diploma in Natural Science

SKILL ACHIEVEMENTS & OTHER EXPERIENCE

- **JavaScript (Intermediate) - HackerRank** ✔ **(2024) :** Successfully cleared the assessment for the skill JavaScript (Intermediate)
- **React (Basic) - Hackerrank** ✔ **(2024) :** completed hackerrank test skills for React (Basic)
- **CSS (Basic) - HackerRank** ✔ **(2024) :** Successfully cleared the assessment for the skill CSS (Basic)
- **Certified Developer** ✔ **(2024) :** Alibabacloud Certified Developer
- **2023 Complete Frontend Engineer Career with ReactJS** ✔ **(2023) :** Completed study independent program at Alterra Academy
- **CSS Course** ✔ **(2023) :** Learn the basics and structure about CSS
- **HTML Course** ✔ **(2023) :** Learn the basics and structure about HTML
- **Javascript Course** ✔ **(2023) :** Learn the basics and structure about javascript
- **Webinars Attended "Kickstart Your Front End Developer Career with React JS"** ✔ **(2023) :** Attended at webinar with Edspert.id
- **Vue.js Online Course** ✔ **(2024) :** Completed the Vue.js Quick Learn class in the CODEPOLITAN Online Classes program
- **AJAX and Web API Online Course** ✔ **(2024) :** Has completed the AJAX and Web API Learning class in the CODEPOLITAN Online Class program.