

Zaidan Boediyono

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As a Full Stack Software Engineer, I am dedicated to applying SOLID principles and maintaining Clean Architecture in both frontend and backend systems. I prioritize clean coding practices, proper documentation, and thorough testing to ensure reliability and scalability. My result-driven approach leverages a broad technology stack to deliver innovative solutions.

I have extensive experience in frontend development with Next.js and AngularJS, and backend development using Laravel and FastAPI. I also work with AI technologies like Langchain and Large Language Models, integrating advanced AI infrastructure and creating data processing pipelines.

In DevOps, I am proficient with GitHub Actions for CI/CD, and I use Azure and Google Cloud Platform (GCP) for deployment and management. My eye for UI/UX design, using tools like Figma and Adobe, helps me create engaging, user-friendly interfaces.

Experience

APRIL 2023 - PRESENT | Remote Full Time

Full Stack Software Engineer | CharCentric

At **Charcentric**, I have **contributed to over 8 projects**, utilizing a diverse tech stack that includes **Next.js, FastAPI, data preprocessing pipelines** such as **DBT**, and **constructing orchestrators for automation**. I have hands-on experience setting up **AI Agents** using **LLM Models** and **Langchain**, as well as managing **Azure infrastructure**. Throughout my career, I have maintained **Clean Architecture** and thorough documentation for all projects.

As an IT Consultant, I have demonstrated **agility** and **quick adaptation** to various technologies and project requirements, which has been crucial for success. My work has been utilized by prominent clients such as Nestle, Pfizer, and APCO Worldwide. My responsibilities have encompassed **researching, designing, implementing, managing, testing, and evaluating software programs**. I have **analyzed user requirements, refined code**, and **collaborated closely with team members**. In addition to developing new software programs and enhancing existing ones, I have ensured platform compatibility, created technical specifications and documents, maintained systems, integrated software products, and stayed updated with new technologies.

JULY 2024 - PRESENT | Remote Part Time

Software Engineer | Alphabyte, Inc

Developed AI-powered Avatar/Photo Generation Services using **TypeScript, Ruby on Rails, Nuxt, Next.js**, and **Express.js** for product development. Collaborated with team members on multiple projects and integrated OpenAI involvement. Implemented and consumed **RESTful APIs, integrated third-party libraries and services**, and **utilized global standards design patterns**.

Adapted to various new tech stacks and developed them. Created proper **documentation** for every edge and **implemented test cases**. Communicated effectively in business-level English while working overlapping hours with

the Tokyo, Japan timezone. Contributed to product development with over 3 years of software development experience.

FEBRUARY 2019 – JANUARY 2023 | Remote Part Time

Full Stack Developer | PT. Banyuindo Andalan Persada

At **PT. Banyuindo Andalan Persada**, a water treatment company, I was responsible for designing and developing the company website as a solo developer. I designed the architecture from the ground up, coordinating closely with the owner to create two versions of the company website using **Laravel, Bootstrap, and MySQL**. I implemented the Service Repository Pattern to ensure a clean and maintainable codebase. I managed the **deployment to DreamHost** and set up **Google Ads** to increase visibility. My efforts **led to a fivefold increase in the company's exposure**, significantly boosting the flow of inquiries and clients. I also transformed the director's requests into functional features and designed and provisioned databases to ensure efficient data management.

FEBRUARY 2022 – JULY 2022 | Full Time

Cloud Computing | Bangkit Academy 2022 by Google, GoTo, Traveloka

The Independent Study Activity on the **Cloud Computing Learning Path** involves individual learning and a final team project. In individual learning, participants follow asynchronous classes (online through learning modules at Dicoding Academy, Coursera, and Google Cloud Skills Boost) and can consult with experts on the material. Each participant has a mentor for non-academic consultation if they encounter difficulties.

Participants receive competency certificates for each class after passing exams and, upon completing the program, are prepared to take the global **Associate Cloud Engineer** certification exam from Google. For the final project, participants are divided into groups of 5-6 people, each choosing a theme approved by their mentor. **I led the team** and was responsible for the **back end** and **deployment** using **Express.js**, deploying to **Google App Engine** with **CloudSQL** as its database.

JANUARY 2021 – DECEMBER 2021 | Full Time

Deputy Head of IT Division | IF ELSE FILKOM UB 2021

Contributing in creating a **VueJS** based website for the campus student orientation program. I've co-lead a team of 4 people. The website that we created are based on **VueJS** with **mySQL** as its database hosted at our campus hosting provider. The website is an informational web with quiz system support as well and QR based attendance system.

Skills

NextJS • Microsoft Azure • Google Cloud • NodeJS • LangChain • OpenAI • Data Processing • Artificial Intelligence • Database Management • Figma • DevOps • ExpressJS • Typescript • Javascript • FastAPI

Education

2019 - 2023

Bachelors Degree | Computer Science | University of Brawijaya | 3.66 GPA