

ADITYA IMAM ZUHDI

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Professional Summary

Full-Stack Software Engineer at Telkomsigma with mid-level experience in enterprise backend development, microservices, and AI-integrated application solutions. Skilled in building, maintaining, and upgrading scalable web applications using technologies such as React, Next.js, Laravel, Django REST, Golang, and Java Spring Boot. Successfully integrated AI features like chatbots and contextual information retrieval to enhance automation and user experience in enterprise environments. Ready to leverage a broad technical background to deliver robust and intelligent digital solutions for the target role.

Work Experience

PT Sigma Cipta Caraka / Telkomsigma

Jul 2024 - Present

Programmer

Yogyakarta

Telkomsigma, a subsidiary of Telkom Indonesia, is a leading provider of end-to-end IT solutions, offering services in software development, cloud computing, data centers, and cybersecurity across various industries.

- Designed and implemented backend web applications using Django REST Framework, Golang, Java Spring Boot, Flask, FastAPI, and NestJS.
- Performed component upgrades and migration on KPEI's e-CLEARs system using Java Spring Boot, ensuring compatibility with newer Spring Boot versions and Java 17+, while supporting microservices-based architecture.
- Developed and maintained backend services, REST APIs, and application features for internal and external enterprise applications.
- Integrated AI-powered capabilities into websites and applications, including chatbot functionality, contextual information retrieval, and AI-assisted workflows to improve automation and user interaction.
- Conducted data migrations to support seamless integration for new application implementations.
- Collaborated with cross-functional teams to resolve technical issues, improve system performance, and deliver new features effectively.
- Developed low-code business applications using PowerApps to streamline workflows and enhance productivity.

Freelance

Jan 2023 - Aug 2024

Full-Stack Web Developer

Remote

- Delivered custom websites and applications for clients, using technologies tailored to their specific needs across frontend, backend, and database design, which helped clients successfully launch their projects.
- Developed full-stack web applications with React.js, Next.js, Laravel, PHP, Node.js, Express.js, Tailwind CSS, Bootstrap, MySQL, and PostgreSQL, applying problem-solving skills to create responsive interfaces and reliable APIs, resulting in stable platforms that met client requirements.
- Built several client projects, including a Barber Queuing System and a Skin Treatment Expert System, applying full-stack development skills to deliver functional solutions that improved operational efficiency for the clients.
- Communicated with clients to gather requirements, analyze business needs, and translate them into functional application features, resulting in clear specifications that reduced rework and accelerated development.
- Built responsive user interfaces with Tailwind CSS, backend APIs with Node.js/Express, authentication with JWT, and PostgreSQL database structures, delivering complete web applications on schedule.
- Ensured project delivery quality by conducting unit and integration testing, fixing bugs, and applying iterative improvements from client feedback, which increased system stability and client satisfaction.

Solo Technopark

Feb 2023 - Jul 2023

Intern

Surakarta

Solo Technopark is an Innovation and Vocational Center that combines science and technology development, market needs, industry, and business to strengthen regional competitiveness.

- Designed an information system for Soto Panaz, covering system architecture, database management, and user interface development using PHP and Bootstrap.
- Migrated the Solo Technopark and Solo Techno Incubator websites from WordPress to modern web technologies using Next.js, Express.js, and Tailwind CSS.
- Conducted functional, integration, and performance testing for Soto Panaz, Solo Technopark, and Solo Techno Incubator websites.
- Maintained bug fixes and improved application stability based on testing results and user feedback.

Education

Universitas Telkom

Jul 2020 - Jul 2024

Bachelor of Informatics Engineering

- **GPA:** 3.94 / 4.00
- **Achievements:** Received a full scholarship for 4 years through a competitive selection process. Active in Student Council Organization and event committees. Served as a practicum assistant for Data Communication Network and Web Programming.

Technical Skills

- **Frontend Development:** HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React.js, Next.js, Livewire
- **Backend Development:** PHP, Laravel, Python, Django REST Framework, Golang, Java, Spring Boot, Express.js, NestJS, Flask, FastAPI
- **Database:** MySQL, PostgreSQL, MongoDB, Vector Database
- **AI & Application Integration:** AI Chatbot Development, Retrieval-Augmented Generation, Gemini API, OpenRouter API, AI API Integration, Vector Embedding, Contextual Search, Prompt Integration
- **Message Broker & API:** RabbitMQ, REST API, API Integration
- **Tools & Platforms:** Git, GitHub, PowerApps, WordPress
- **Enterprise Development:** Microservices, Data Migration, Backend API Development, Application Maintenance, Component Upgrade, System Integration
- **Soft Skills:** Leadership, Problem-Solving, Communication, Critical Thinking, Teamwork, Time Management, Adaptability

Certifications

- **Junior Web Developer: Badan Nasional Sertifikasi Profesi (BNSP)**
- **Become a Front-End Web Developer Expert: Dicoding**
- Other web development and programming-related certifications

Languages

- Bahasa Indonesia (Native / Mother tongue)
- English (Conversational)