

Muji Burrohman

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Skills

- **Programming Language** : JavaScript | Typescript
- **Framework** : React Js | Next Js | Express Js | Nest Js
- **Databases** : MYSQL | Postgres | MongoDB
- **Actions** : CI/CD with Jenkins or Github Action | Docker
- **Cloud** : Amazon Web Services
- **AI** : OpenAI API, Langchain, RAG

I am a Software Engineer with a background in Informatics and a strong foundation in building scalable, production-grade systems. I design and develop end-to-end web applications using modern stacks like Next.js, React.js, NestJS, and Express.js, with solid database design across PostgreSQL and MongoDB. Beyond feature delivery, I focus on system design, clean architecture, and writing maintainable, well-tested code. I have hands-on experience integrating Generative AI capabilities, LLM integration, RAG pipelines, embeddings, and AI agents, to build intelligent, context-aware products. I leverage services like EC2, S3, Lambda, ECS, and CI/CD pipelines and Docker to ship reliable, secure, and high-performance systems. I care deeply about engineering quality and delivering impactful products through collaborative, cross-functional development.

Education

Bachelor of Degree

Bhayangkara University

Graduate July 2023

- Major in Informatics

Experience

Front End Developer

PT Falah Inovasi Teknologi

05/12/2022 - 04/12/2023

- Ship a high quality code and result with minimum bugs deployed to production.
- Designing and implementing responsive and visually engaging web page layouts.
- Collaborating with backend development teams to integrate API.
- Ensuring generated code is clean, efficient, and easily maintainable.

Front End Developer

PT Infosys Solusi Terpadu

16/11/2023 - 12-12-2024

- Collaborate with stakeholders to understand project requirements and deliver high-quality frontend solutions on time.
- Collaborated with designers and backend developers to create seamless and visually appealing interfaces.
- Developed and maintained user-friendly web applications using modern JavaScript frameworks.
- Implement frontend functionalities such as interactive elements and data visualizations.

Software Engineer

Native Productions

23/09/2024 - Present

- Develop using Next.js (web), NestJs (Backend) and Ionic React (iOS) for Merdeka AI App.
- Optimize performance with Next.js ISR/SSR, caching, and efficient state management.
- Deploy and maintain applications on AWS using Docker and CI/CD pipelines to ensure reliability and scalability.
- Integrate AI services and APIs for data processing, content generation, and predictive features within the platform.
- Managed AWS infrastructure end-to-end deploying and maintaining applications with Docker and CI/CD pipelines
- Built a cloud-based call center using AWS Connect to streamline communication between agents, sales teams, and leads/customers.

Projects

Loan Origination System (LOS) Bukopin

PT Infosys Solusi Terpadu

[More Detail Project](#)

The Loan Origination System (LOS) Bukopin is a web-based application designed to streamline and digitize the end-to-end loan application process at Bank Bukopin. The system helps automate various stages starting from customer data entry, credit analysis, approval workflow, up to loan disbursement, ensuring faster processing time, better data accuracy, and compliance with banking regulations.

Merdeka AI

Native Productions

[More Detail Project](#)

Merdeka AI is an intelligent web-based platform designed to monitor, analyze, and optimize the performance of solar panel systems in real-time. The application provides data visualization, predictive insights, and automated alerts to help users maximize energy efficiency and detect potential issues early. I engineered the admin platform for sales and lead management, integrating AWS Connect to build a cloud-based call center enabling agents to handle calls with sales teams, leads, and customers.

Songcry

Native Productions

[More Detail Project](#)

Contributed to a music discovery app that helps artists grow city by city and lets fans find rising music near them. Handled the core geolocation algorithm, designing the location-based logic that determines which songs are trending in a given area based on real listener activity, powering the app's personalized, location-aware discovery feed.

Mageran AI

Native Productions

[More Detail Project](#)

Mageran AI is an AI-driven creative platform that helps users generate high-quality visual content effortlessly. It targets individuals, businesses, and small-to-medium enterprises who need polished design assets from mockups to videos without requiring advanced graphic design skills.

Native Academy

Native Productions

[More Detail Project](#)

Native Academy is a digital learning platform designed to help individuals upgrade their digital skills, compete in the modern workforce, and build career opportunities especially in remote work, creative industries, and online income streams.