



Gilang Rizki Pratama

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About Me

Software Engineer skilled in designing and building web and mobile-based applications. With 2 year of experience in the technology industry, I approach work with collaboration, an innovative mindset, and problem-solving skills, always striving to provide effective and creative solutions.

Work Experience

Ecogovern Sdn Bhd | Web Developer & AI Engineer | October 2025 - February 2026

- Built and maintained frontend modules for an ESG/carbon intelligence platform, including Materiality Assessment, Carbon Calculator, and Authentication.
- Developed AI-powered Materiality Assessment for automated ESG scoring using natural language interaction.
- Integrated AI features with AWS Bedrock and RAG for intelligent data querying.
- Collaborated on AWS services (Redshift, Glue ETL, Bedrock Knowledge Base) to support AI analytics.

PT. Sarana Amal Indonesia | Mobile Developer | Agustus 2025 - Mei 2026

- Developed cross-platform Flutter applications using GetX, Riverpod, and BLoC for Umrah & Hajj marketplace and vaccine purchase platforms.
- Integrated RESTful APIs and contributed to NestJS backend development.
- Performed load testing using K6 to ensure application reliability.
- Managed production deployment with NGINX.
- Published mobile applications to the Apple App Store and Google Play Store.

Dicoding | AI Engineer | January 2026 - July 2026

Participated in an AI Engineering internship in collaboration with IBM SkillsBuild, gaining hands-on experience across the end-to-end machine learning lifecycle. Developed machine learning and deep learning models for a film recommendation application (Zynema), built MLOps pipelines, deployed models using Docker and TensorFlow Serving, integrated AI services with Flask REST APIs, and monitored production performance using Grafana and Prometheus.

PT. Toyo Business Engineering Indonesia | Fullstack Developer | October 2024 - Sept 2025

Design, develop, and maintain enterprise ERP applications for the manufacturing industry using ASP.NET, Flutter, and Oracle PL/SQL. Develop and enhance ERP modules including Production Manufacturing, Goods Receipt (GR), Goods Issue (GI), Inventory Management, and Shipping, ensuring every solution aligns with manufacturing business processes and ERP workflows. Optimize database performance through efficient PL/SQL development and query tuning while maintaining data integrity and preventing race conditions in concurrent transactions. Develop unit tests using xUnit for ASP.NET and Flutter integration tests.

PT. Rekabio | Fullstack Developer | November 2023 - July 2024

Developed and maintained web applications using Next.js and ASP.NET, as well as cross-platform mobile applications with Flutter. Integrated cloud services including AWS Amplify and Amazon S3 for deployment and file storage. Participated in system analysis by designing Use Case Diagrams and Data Flow Diagrams (DFD), while developing and optimizing SQL Server databases to ensure efficient data management and application performance.

Google Developer Student Club | Design Creative | August 2023 - May 2024

Google Developer Student Club is a university-based community group for students who are interested in technology, especially technology from Google. Contributed as a Creative Intern at GDSC UPI by designing promotional materials using Figma, creating engaging copywriting, and managing social media content.

Education

Universitas Pendidikan Indonesia (2023 - Now)

Bachelor's degree in Software Engineering, 3.85/4.00

Organization

Himpunan Mahasiswa RPL | Personal Development | January 2024 - December 2024

- Creating and planning content podcast.
- Organizing training and personal development programs for members.

Skill & Language

- **Skill:** Website (Next.js, Vue.js, Nuxt.js, React.js), Mobile (Flutter, React Native), Backend (Nest.js, ASP.NET, Laravel, Express), Database (MySQL, Oracle). AWS S3, AWS Amplify, MongoDB. Unit Test (xUnit .NET, Flutter Integration Test)
- **Language:** Indonesia (Native), English (Intermediate)