Rudi *Rianto.*

Software Engineer & AI Specialist

SaaS product architecture & financial management · Indonesia · rianto.info

Profile

I work where software architecture meets the economics of running a product. As a certified developer working independently in Indonesia, I design full-stack applications, cloud infrastructure and machine learning workflows. The financial side of my work covers subscription pricing, forecasting and the metrics that show whether a SaaS product can sustain itself.

Experience

Software Engineer & SaaS Product Consultant

Independent / Freelance

- Designed and deployed multi-tenant cloud applications, from REST APIs through the web interface.
- Integrated predictive models and automated AI workflows for personalization and operations.
- Modeled subscription pricing and tracked MRR, ARR, LTV, CAC and churn to assess profitability.
- Applied secure coding practices across frontend and backend systems to protect data and improve resilience.

Full-Stack & AI Developer

Technology & Digital Projects

- Built responsive interfaces and backend services using Python, JavaScript, React and Node.js.
- Automated data pipelines and built dashboards for executive decisions and product-led growth.
- Translated business requirements and financial targets into technical specifications and product roadmaps.

Skills

Software & AI engineering. Python, JavaScript, TypeScript, React, Node.js, SQL, machine learning, data science, secure coding and full-stack architecture.

SaaS & product strategy. Multi-tenancy, cloud infrastructure, product engineering, API design and integration, and product-led growth.

Financial management. Financial modeling, corporate finance, business valuation, FP&A and SaaS unit economics, including MRR, LTV, CAC and churn.

Languages

Indonesian Native / bilingual · **English** Professional working proficiency

Selected projects

Multi-tenant SaaS analytics platform

I built a subscription platform that brings access control, automated billing and financial reporting into one system. Teams can track monthly recurring revenue and churn as they change.

AI-powered workflow automation tool

I developed a Python system that uses machine learning to classify incoming data and automate predictive reporting. It cuts down the time spent on manual processing.

Corporate valuation & forecasting model

I built a financial model for technology startups to project cash flow and evaluate unit economics. Founders can use the forecasts to compare capital allocation decisions.

Licenses & certifications

Software development & engineering

Full-Stack Web Development & Data Engineering Certification
Le Wagon Bali

Front-End / Back-End Software Engineer Certification
Dicoding Indonesia (in collaboration with Google)

Secure Coding & Software Engineering Specialist Certificate
NobleProg Indonesia

Artificial intelligence & data science

Data Science & AI Bootcamp Certification
Le Wagon Bali

AI & Machine Learning Specialist Certification
Dicoding Indonesia

Data Science & Artificial Intelligence Professional Certification
Algoritma Data Science School Indonesia

SaaS & product architecture

SaaS & AI Product Engineering Certificate
Devscale Indonesia

Full-Stack Cloud & SaaS Architecture Specialist
Hacktiv8 Indonesia

Financial management

Executive Certificate in Financial Management
Prasetiya Mulya Executive Learning Institute (ELI)

Certified Financial Modeling & Valuation Analyst
Binar Academy Indonesia