

Ranggi Rexa Vigor Santoso

Jember, East Java, Indonesia 68117 | +62 852 3605 1400 | ranggirexa@gmail.com | linkedin.com/in/ranggirexa
tinyurl.com/ranggi-portofolio

About Me

Fullstack Engineer with 4 years of experience delivering scalable web and mobile applications across agriculture, retail, and digital identity. Skilled in Node.js, React, PostgreSQL, and Golang, with strong expertise in API development, database optimization, and end-to-end project delivery. Proven ability to translate business needs into technical systems that improve efficiency, sales, and decision-making.

Professional Experience

Pandawa Agri Indonesia — *Fullstack Engineer*

2022 – Present | *Agriculture & Biochemicals, Indonesia*

- **Developed and launched a Customer Relationship Management (CRM) system** with lead, pipeline, account, activity, and reporting modules. Improving sales visibility, accountability, and revenue growth.
 - **Built a Farm Management System (Node.js, React, PostgreSQL, Flutter)** adopted by 50+ field assistants to track rice, coffee, and chili crop activities. Centralized data previously managed in spreadsheets, enabling HQ to generate accurate fertilizer formulas and make data-driven decisions.
 - **Created a Human Resource Information System (HRIS)** to streamline employee management, reducing manual HR data entry and improving data accuracy.
 - Designed and implemented scalable backend architecture and flexible PostgreSQL schemas to support diverse commodities with different growth cycles.
 - Delivered projects end-to-end — from requirements gathering with stakeholders to deployment — as the **sole engineer** in the digital optimization team.
-

PT. Privy Identitas Digital — *Backend Engineer Intern*

Jun 2022 – Sep 2022 | *Digital Identity, Indonesia*

- Developed secure APIs in **Golang** with MongoDB and PostgreSQL, integrated into a microservices architecture.
 - Implemented **OAuth 2.0 and JWT** authentication, strengthening security compliance.
 - Authored technical documentation and workflow diagrams, reducing onboarding time for new engineers.
 - Conducted debugging and performance tuning, which reduced API error rates in production.
-

Jan 2021 – May 2022 | Retail POS Solutions, Indonesia

- Built and deployed a **Point-of-Sale (POS) web app** in Ruby on Rails with MySQL, enabling small businesses to record and analyze daily transactions.
 - Added reporting and analytics features that helped store owners identify high-frequency sales items and optimize inventory decisions.
 - Improved system performance by optimizing queries, reducing downtime, and enhancing user experience.
 - Produced functional and technical documentation to align development with business requirements.
-

Skill

- **Programming Languages:** Ruby, Node.js, Golang, React
 - **Database Management:** MySQL, PostgreSQL, MongoDB
 - **Tools:** Microsoft Office, Git, CI/CD
 - **Security:** Oauth 2.0, JSON Web Token
-

Education

- **Bachelor of Computer** majoring in Information System, *University Of Jember* (June 2015 – June 2019)
- **Backend Engineer** in *Binar Academy* (September 2022)