

Ekatama Ilham Prayoga

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Summary

Backend Engineer with 4 years building and maintaining Java Spring Boot loan processing systems across 3 active production clients. Strong track record in financial calculation engines, asynchronous Core Banking System (CBS) batch data feeds, plus side work on Rust/Tauri desktop tools and a Go AI gateway.

Skills

Core: Java, Spring Boot, PostgreSQL, REST APIs, SQL

Tools: Docker, Git, Linux, FFmpeg, Go, Rust, Tauri

Methods: Loan Processing, Batch Processing (ETL), CBS Synchronization, Financial State Machines

Domains: Fintech, Lending Systems, Desktop & Systems Engineering

Experience

Backend Engineer, PT Digital Amore Kriyanesia – Bandung, Indonesia Oct 2022 – Present

- Architected and deployed Java Spring Boot loan management backend to 4 institutional clients (3 currently active in production), maintaining all live environments concurrently.
- Engineered custom batch data integration pipelines for Core Banking System (CBS) reconciliation, processing client-specific CSV and DOCX data feeds without direct CBS API access.
- Designed core financial calculation modules handling multi-tier interest rates, amortized repayment schedules, and loan lifecycle state machines.
- Optimized PostgreSQL relational schemas and query execution plans for daily multi-client financial ledger exports.

Projects

Shellfery (formerly OpenTerm) 2026

Co-creator & Core Contributor | Rust, Tauri 2, React, xterm.js

- Unified SSH terminal + dual-pane SFTP client on Tauri 2 native webview (no Electron); Rust streams PTY output and handles SFTP transfers natively; replaces running Termius + FileZilla together.

NineGuard 2026

Core Contributor | Go, OpenAI-compatible API

- AI gateway sharing provider keys across a team via member keys with quotas, cost tracking, encrypted key vault, and model groups as access templates; built standalone to avoid router sync; used daily at my employer.

BagiAdil 2026

Creator | TypeScript, Tesseract.js, PWA

- Built client-side receipt OCR bill-splitting PWA with proportional discount allocation, intelligent rounding, and zero server-side storage.

Kecilin 2026

Creator | TypeScript, FFmpeg, Desktop

- Built desktop batch video compression utility using FFmpeg CLI pipelines and adaptive H.264/AAC presets, automating bitrate calculations to hit strict target file sizes for messaging platforms without visual degradation.

Education

SMKN 1 Katapang, Vocational Diploma in Software Engineering 2016 – 2019