AGUS MAULANA YUSUF NOOR

IT Department Head | Backend & Full-Stack Engineer | AI & Vibe Coding | Linux SysAdmin & DBA

Subang & Bandung, West Java | agusmaulanayusufnoor@gmail.com | +62 857-5931-6259
LinkedIn: linkedin.com/in/agus-maulana-yusuf-noor | GitHub: github.com/agusmaulanayusufnoor | Portfolio: https://agusmyn.my.id

PROFESSIONAL SUMMARY

IT Leader and Full-Stack / Backend Engineer with 15+ years of experience in the banking & financial sector (PT BPR Jabar Perseroda) and active practitioner of modern AI & Vibe Coding paradigms. Proven track record in building enterprise web applications, accelerating software delivery 5x–10x via AI-assisted workflows, managing high-availability Linux servers (Ubuntu/CentOS), MikroTik network infrastructure, and mission-critical MySQL databases with zero critical downtime. Adept at bridging executive technical strategy with hands-on full-stack development.

CORE TECHNICAL EXPERTISE

- **AI & Vibe Coding:** AI-Assisted Engineering (Vibe Coding), Agentic Workflows & Multi-Agent, LLM Integration (Gemini, Claude, OpenAI), Prompt Engineering & Cursor/Antigravity, AI Code Refactoring & Automations
- **Backend & Languages:** Golang, Python, PHP (Laravel), TypeScript / Bun / Hono, Delphi
- **Frontend & UI:** Vue.js, Next.js, Inertia.js, Vuetify, Tailwind CSS
- **Database & Storage:** MySQL (Optimization, Replication, Disaster Recovery), Redis
- **SysAdmin & Infrastructure:** Linux Server (Ubuntu, CentOS), MikroTik RouterOS, Server Hardening, CI/CD & Docker

PROFESSIONAL WORK EXPERIENCE

Head of IT Department
Jan 2024 – Present

PT BPR Jabar Perseroda

- Direct technology roadmap, infrastructure modernization, and internal engineering teams supporting 300+ enterprise users and over $30M in assets under management.
- Maintained 99.99% high-availability uptime and 0 critical security incidents across 20+ production Linux servers (Ubuntu/CentOS) and core banking databases.
- Enforce strict regulatory IT compliance (OJK & Bank Indonesia standards), securing MikroTik network architecture, site-to-site VPN tunnels, and disaster recovery replication across 15+ branch offices.

IT Staff (Full-Stack Developer & SysAdmin)
Jan 2011 – Jan 2024

PT BPR Jabar Perseroda

- Architected and delivered 4 enterprise web platforms (ESDMKU HRIS, E-Monitoring, E-Box Archive, Notifku Gateway), reducing document retrieval times by 75% and cutting manual operational overhead by 40%.
- Administered high-throughput MySQL database clusters with automated master-slave replication and nightly backup pipelines, achieving 100% data integrity with zero data loss over 13 consecutive years.
- Engineered high-performance RESTful APIs (Golang, Laravel, Python) to replace legacy desktop modules, reducing inter-system data synchronization latency by 60%.

KEY ENTERPRISE PLATFORMS & ARCHITECTURES

- **Corporate Portal PT BPR Jabar Perseroda (2024) — Web Architecture & Production Deployment**
  Engineered official corporate portal with cloud CDN optimization, achieving 98+ Google Lighthouse performance score and serving 25,000+ monthly visitor sessions.
- **ESDMKU (Enterprise HRIS) (2023) — Laravel 10, Vue 3, Inertia.js, MySQL**
  Centralized Human Resource platform automating attendance monitoring, employee profiling, and multi-tier approval workflows for 300+ staff members, eliminating 90% of paper-based administrative requests.
- **E-Boxku (Digital Archiving System) (2022) — Laravel 8, Vuetify 2.6, MySQL**
  Secure digital archiving and document management system handling 100,000+ digitized banking records with granular role-based access control (RBAC), fully compliant with banking audit standards.
- **Notifku (WhatsApp Notification Gateway) (2024) — PHP, Fonnte API, Background Queue**
  Asynchronous notification dispatch engine processing 10,000+ automated monthly WhatsApp alerts, server health monitors, and transaction notifications with 99.8% delivery success rate.

EDUCATION, CERTIFICATIONS & LANGUAGES

- **Bachelor's Degree in Computer Science / Informatics — Universitas Komputer Indonesia (UNIKOM) (Graduated 2011)**
- Certifications: Linux Server Administrator | CompTIA A+ | MikroTik Certified Network Associate (MTCNA Curriculum)
- Languages: Indonesian (Native / Mother Tongue) | English (Professional Working Proficiency) | Arabic (Textual Reading & Comprehension)