

Aji Laksono

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PROFESSIONAL SUMMARY

Experienced Technical Leader and Full-Stack Developer with 6+ years of hands-on expertise in designing scalable web applications, backend systems, and developer tooling. Proven track record in leading engineering teams, architecting microservices, and automating mission-critical processes in fintech, real estate, and industrial automation domains. Adept at leveraging modern technologies like Go, Node.js, GCP, and CI/CD to deliver high-performance systems. Passionate about clean code, mentorship, and building impactful solutions—both in startups and freelance environments. Active contributor on GitHub: github.com/mojila.

SKILLS

Programming: Go, Node.js, Rust, Dart (Flutter), JavaScript (React)

Databases: PostgreSQL, MongoDB, MySQL, Redis

Tools: Git, CI/CD, Docker, SonarQube, VPN, Dedicated Server, GitHub Copilot, GCP, AWS

Soft Skills: Team Leadership, Mentorship, Problem Solving, Agile Collaboration

WORK EXPERIENCES

Deall Jobs ([Dealls.com](#) & [Kantorku.id](#))

Technical Leader & Back-end Specialist | May 2022 - July 2025 | Remote

Key Responsibilities & Achievements:

- Spearheaded the design, configuration, and maintenance of scalable development environments, reducing onboarding time for new developers by 30%.
- Feature Analysis & Technical Roadmapping. Conducted feasibility studies, architectural reviews, and risk assessments to guide prioritization and resource allocation. Drove Agile processes (e.g., sprint planning, backlog grooming) to align cross-functional teams (QA, UX, Product) on deliverables.
- Front-Line Troubleshooting & Critical Issue Resolution. Acted as primary escalation point for high-priority production issues in payroll disbursement systems, resolving 100% of critical bugs within SLA deadlines and Performed root-cause analysis (RCA) for recurring issues, reducing system downtime by 25% through proactive monitoring and alert automation.
- Incident Monitoring & Rapid Response Using Google Cloud Platform (GCP). Leveraged GCP monitoring tools (e.g., Cloud Monitoring, Cloud Logging, Alerting) to proactively detect anomalies and system failures. Led real-time incident response efforts using automated alerts and on-call coordination, ensuring minimal downtime and SLA compliance.
- Most Critical Feature Ownership. Served as System Owner (Person in Charge) for payroll systems serving 10,000+ employees, ensuring 99.99% uptime and compliance with financial regulations. Led migration to automated-testing, improving processing efficiency by 40% and reducing manual errors by 90%.
- Process Standardization & Best Practices. Introduced AI, reusable templates, libraries, and code linting tools (e.g., Golang CI Lint, Copilot Instruction), accelerating feature delivery by 20%. And Authored organization-wide coding standards and review processes, improving code quality (SonarQube metrics) by 35%. Mentored 8+ junior developers on clean code principles, debugging techniques, and system architecture.

Technical Leader | Aug 2018 – May 2022 | Surabaya, Indonesia

Key Achievements & Responsibilities:

- Led the Core Services Division across multiple product lines, managing architecture, scalability, and deployment pipelines for high-performance industrial vision systems. Designed and implemented microservice-based architecture that significantly improved modularity and maintainability across the company's machine vision product suite.
- Pioneered company-wide DevOps transformation, introducing CI/CD pipelines and managing cloud/network infrastructure including AWS services, VPN configurations, and on-prem hosting—reducing deployment times by 60%.
- Established engineering best practices through codebase standardization and technology stack alignment, improving team velocity and onboarding efficiency.
- Recognized as the "Most Inspirational Person" in the company for leadership, innovation, and team development.
- Mentored and upskilled junior engineers, fostering a culture of continuous learning and clean code practices in a cross-functional team.

EDUCATION

Politeknik Elektronika Negeri Surabaya | GPA 3.37

Bachelor Degree in Informatics Engineering | July 2016 - September 2020 | Surabaya, Indonesia

- Awards: PENS Web Developer Leader, PENS Robotic, Basic & Intermediate Leadership Training, PKM Technology Funded, 1st Winner ITCC Udayana 2018 Information System Field.

ORGANIZATIONAL EXPERIENCE

PENS IT Web Developer Student Community

Leader | July 2016 - July 2018 | **Surabaya, Indonesia**

- Partner with other campus web developer community
- Coordinated campus and high school web development workshops

PROJECTS

Omni-Channel CRM for Real Estate Company

Freelance Full-Stack Developer | Remote | Mar 2022 - May 2022

- Developed a custom Omni-channel messaging platform integrating Gmail and WhatsApp APIs to streamline communication between real estate agents and potential buyers.
- Implemented unified customer profiles, message history, and agent assignment to boost sales follow-up efficiency.
- Enabled real-time notifications and automated templated responses, reducing average response time by 40%.

Automated Bank Transfer Verification System

Freelance Full-Stack Developer | Remote | Mar 2022

- Built a **webhook-based auto-verification system** for bank transfers, integrating with an **online bookstore's checkout flow**. Used a **3G modem with SMS banking** to parse incoming transaction notifications and match them against pending orders.
- Developed backend service to automatically mark orders as paid upon SMS match using **PHP** and **MariaDB**, ensuring real-time order fulfillment.
- Reduced manual payment verification effort by over **90%**, improving transaction speed and accuracy.
- Integrated with custom CMS and payment logging dashboard for admin monitoring.