

# Aji Laksono

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## PROFESSIONAL SUMMARY

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Experienced Technical Leader and Backend Engineer 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](https://github.com/mojila).

## SKILLS

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**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

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**Deal Jobs** | [Dealls.com](https://dealls.com) or [Kantorku.id](https://kantorku.id)

*Technical Leader - Back-end* | May 2022 - Present | **Jakarta, Indonesia**

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.

## Machine Vision Indonesia

*Technical Leader - Full-Stack* | 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

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**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

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**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

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**Dyslexia Assessment Device with Retina Movement Detection Analysis**

*Freelance Go & [React.js](#) Developer* | Remote | October 2024 - November 2024

- Developed a Assessment UI and Backend for Dyslexia Test Device integrated with Retina Movement Tracker
- Implemented Expert System for Dyslexia Symptoms Analysis

**Online Game “Paw Rumble” Backend Service**

*Freelance Go Developer* | Remote | January 2024

- Developed a Payment Top-up service and In-game store items management
- Integration Payment Service with Codashop and DuniaGames

**Omni-Channel CRM for Real Estate Company**

*Freelance ASP .NET Developer* | Remote | March 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.

**Automated Bank Transfer Verification System**

*Freelance PHP Developer* | Remote | March 2022

- Developed backend service to automatically mark orders as paid upon SMS match using **PHP** and **MariaDB**, ensuring real-time order fulfillment.
- Integrated with custom CMS and payment logging dashboard for admin monitoring.