



Aditya Nugraha

Solution Lead | Engineering Manager | Fullstack Engineer

Remote Experience

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[GitHub](#) | [LinkedIn](#)



Professional Summary

Solution Lead, Engineering Manager and Fullstack Engineer with 10+ years of experience designing and delivering scalable backend systems and leading cross-functional engineering teams. Currently leading delivery of an AI-native financial statement solution at InterOpera, from requirements to release. Specialized in Node.js (TypeScript), Python, FastAPI, Odoo, and complex system integrations, with a proven track record of driving technical excellence, improving system performance, and mentoring developers in agile, fast-paced environments.

Skills

- **Languages/Frameworks:** Node.js (TypeScript), Python, FastAPI, Odoo, Next.js, React
- **Databases:** PostgreSQL, MongoDB, Redis, Supabase
- **AI & ML:** OpenAI API, Gemini, Local LLM (Qwen), n8n, LangChain, Hugging Face
- **Tools:** Postman, Insomnia, Grafana, Prometheus, Docker
- **Analytics Tools:** Looker Studio, Google Analytics 4 (GA4), Google Tag Manager
- **Version Control:** GitHub, GitLab
- **Testing & Performance:** Playwright (E2E), JMeter, K6
- **Solution Design & Delivery:** Requirements Analysis, Product Flows, Gap Analysis, Human-in-the-loop Review Workflows
- **Project Management:** Jira, Trello, Basecamp, ClickUp
- **Deployment:** Heroku, AWS

Professional Experience

InterOpera – Solution Lead & Fullstack Engineer Remote

<https://www.interopera.ai>

Dec 2025 – Present | Singapore / Remote

- Lead delivery of the financial statement solution on Nexus, an AI-native platform for fund administration and corporate finance teams: requirements → product flows → backend contracts → release.
- Own the statement experience end-to-end: presentation, cell-level drill-down and audit-trail navigation.
- Shape human-in-the-loop review workflows (preparer/approver requests, transaction tagging, review and approval handoff).
- Coordinate backend engineers, QA and the product lead; run gap analyses between partner process designs and the built product.
- Hands-on with Next.js/React/TypeScript and Python/FastAPI; multi-language UI and end-to-end testing (Playwright).

PT SiCepat Ekspres Indonesia – Technical Lead

<https://www.sicepat.com>

Jul 2018 – Oct 2026 (Freelance since Dec 2025) | Jakarta

- Led development and customization of Odoo modules: Purchase, Invoice, Accounting, HR.
- Designed and developed internal Billing & Proof of Delivery (POD) System, integrated with third-party services.
- Built a scalable billing system using Node.js (TypeScript), Redis, Bull Queue.
- Integrated SAP journal systems; optimized slow queries for better performance.
- Held strategic meetings with the Board of Directors; conducted regular 1-on-1s with team members.
- Mentored junior developers and ensured code quality via regular reviews.

GlobalDeal – Freelance Senior Backend Developer Remote

<https://www.globaldeal.io>

Jan 2025 – Jul 2025 | Remote (Japan)

- Developed and maintained backend systems for international expansion automation platforms.
- Led backend API development using Python and Node.js (TypeScript) for scalable, high-performance systems.
- Collaborated with frontend teams using React and TypeScript, ensuring seamless fullstack integration.
- Deployed and scaled services using Vercel.
- Communicated effectively with international teams including engineers, product managers, and marketers.

Notable Projects:

- **GlobalDeal Automation / Finder:** Contributed to an **LLM-powered platform** automating global market expansion using AI Agents. Engineered a centralized data system for market insights, collaborating with a multinational team.
- **TOKIUM Automation:** Developed high-volume invoice processing pipelines by integrating **LLM technologies** with custom scraping implementations. Worked with a team of six Python engineers for a **Series E startup**, optimizing backend performance.

Appservation Co. Ltd – Engineering Manager Remote

<https://web.hungryhub.com>

Oct 2023 – Jun 2024 | Thailand / Remote

- Led a team of engineers to build and maintain a scalable restaurant reservation platform.
- Improved backend performance by 35% through system refactoring and optimization.
- Oversaw sprint planning, code reviews, and standardized DevOps practices.
- Conducted regular 1-on-1 sessions with team members to support their development.

Infoconnect Sdn Bhd – Senior Software Developer

<https://www.infoconnect.com.my>

Dec 2014 – Jun 2018 | Kuala Lumpur

- Integrated Docuflow with K2 using Web Services and Docuflow SDK.
- Developed custom reports with Jasper Reports for government clients.
- Deployed solutions across Southeast Asia (Indonesia, Thailand, Malaysia).
- Led client presentations and product adoption negotiations.

Certifications

- AWS Practical Data Science – February 2021
- AWS SageMaker – February 2021

Languages

- Indonesian: Native
- Malay: Conversational Proficiency
- English: Professional Proficiency

Testimonials

"Aditya's fullstack expertise in React and Python, combined with remote collaboration skills, made a significant impact on our international projects."

– Karen Onuma, Product Manager, GlobalDeal