Aditya Nugraha

Engineering Manager | Senior Backend Developer

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Professional Summary

Engineering Manager and Senior Backend Developer with **10+ years** of experience designing and delivering scalable backend systems and leading cross-functional engineering teams. Specialized in **NodeJS (TypeScript)**, **Python**, **Odoo**, and complex system integrations. Proven track record in driving technical excellence, improving system performance, and mentoring developers to achieve high-impact results in agile, fast-paced environments.

Skills

- **Languages/Frameworks**: NodeJS (TypeScript), Python, Odoo, Next.js

- **Databases**: PostgreSQL, MongoDB, Redis, Supabase

- **Tools**: Postman, Insomnia, Grafana, Prometheus, Slack, Docker

- **Analytics Tools**: Looker Studio, Google Analytics 4 (GA4), Google Tag Manager

- **Version Control**: GitHub, GitLab

- **Testing & Performance**: JMeter, K6

- **Project Management**: Jira, Trello, Basecamp, ClickUp

- **Deployment**: Heroku, AWS, Vercel

Professional Experience

PT SiCepat Ekspress Indonesia – Technical Lead

https://www.sicepat.com
Jul 2018 – Present | Jakarta

- Led development and customization of **Odoo modules**, including **Purchase**, **Invoice**, **Accounting**, and **HR**, tailored to logistics business needs.

- Designed and developed an internal **Billing & Proof of Delivery (POD) System** integrated with third-party services, improving query performance and reducing system load.

- Led the development of custom **Odoo modules** for **Inventory**, **Helpdesk**, and **HR**, streamlining internal processes and increasing automation.

- Built a scalable internal billing system using **NodeJS (TypeScript)**, **Redis**, and **Bull Queue**, supporting high-volume transaction processing.

- Integrated third-party systems, including **SAP journal integration**, ensuring seamless financial data flow.

- Optimized slow SQL queries, improving system responsiveness and reducing infrastructure costs.

- **Conducted weekly strategic meetings with the Board of Directors (BOD)** to align technical initiatives with business objectives.

- **Held regular 1-on-1 sessions with team members** to support personal growth, address challenges, and ensure continuous performance improvement.

- Mentored junior developers, promoted code quality standards, and supported team growth through regular code reviews.

GlobalDeal – Freelance Senior Backend Developer

https://www.globaldeal.io
Jan 2025 – Jul 2025 | Remote | Part-Time

- Developed and maintained backend systems for international expansion automation platforms.

- Led backend API development using **Python** and **NodeJS (TypeScript)** for scalable, high-performance systems.

- Collaborated with frontend teams using **React** and **TypeScript**, ensuring seamless full-stack 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 led by a German PM.

- **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

https://web.hungryhub.com
Oct 2022 – Jun 2024 | Jakarta | *Remote* | *Part-Time*

- 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 to streamline development workflows.

- Collaborated cross-functionally with product and QA teams to ensure timely and high-quality project delivery.

- Conducted regular **1-on-1 sessions** with team members to provide personalized guidance, address challenges, and support career development.

- Mentored and developed junior engineers, fostering a culture of continuous learning and team productivity.

Infoconnect Sdn Bhd – Senior Software Developer

Dec 2014 – Jun 2018 | Kuala Lumpur

- Integrated **Docuflo** with **K2** using Web Services and Docuflo SDK.

- Developed custom reports with **Jasper Reports** for government clients.

- Deployed solutions across Southeast Asia (Indonesia, Thailand, Malaysia).

- Led client presentations and negotiations for product adoption.

Certifications

- AWS Practical Data Science – February 2021

- AWS SageMaker – February 2021

Languages

- **Indonesian**: Native

- **Malay**: Conversational Proficiency

- **English**: Professional Proficiency