

Gilang Pangestu

Fullstack Developer

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Professional Summary

Fullstack Developer with 5+ years of experience building scalable web applications and backend services using Node.js ecosystems. Specialized in Nest.js, cloud-based architectures, REST APIs, and fintech integrations. Proven ability to improve performance, scalability, and system reliability for production systems.

Technical Skills

Backend	Node.js, Nest.js, Laravel, Firebase, CodeIgniter
Frontend	Next.js, React, Vue.js, React Native
Databases & ORM	PostgreSQL, MySQL, MongoDB, Redis, Prisma, Sequelize
Cloud & DevOps	Google Cloud Platform, Azure, Docker, RabbitMQ
APIs & Realtime	REST APIs, GraphQL, Socket.io, Pusher
Payments & Web3	Stripe, HitPay, Web3.js, Ethers.js

Education

IPB University – Informatics Management | 2017 – 2020 | GPA: 3.44

Participated in South-East Asian Technical and Vocational Education and Training (SEA TVET) Batch 4 on 2019, coordinated by SEAMEO.

Languages

Bahasa Indonesia (Native) | English (Professional)

Professional Experience

Fullstack Engineer | Hayati – Hijra Bank, Jakarta, Indonesia | Feb 2026 – Present (Part-time)

- Working as a Fullstack Engineer using Nest.js (backend) and Next.js (frontend).
- Contributed to the calculation of working capital turnover and integrated the results to the frontend.
- Built calculation logic for healthy financial status of registered users with frontend integration using charts.
- Developed open API integration for a specific partner company.

Backend Engineer | Motmaena Medical Center, Riyadh, Saudi Arabia | Mar 2026 – Present (Part-time)

- Working as a Backend Engineer using Nest.js.
- Made adjustments migrating from the old application to the new one, covering database and source code.
- Identified and resolved critical bugs that turned out to be underlying business logic problems.
- Built new features for the consultant app: consultant schedule management, consultation request flow, and consultation actions including rescheduling, cancellation, and transfer.

Backend Developer | NAFV – Indonesia | Jul 2025 – Sep 2025

- Worked as a Backend Developer using Nest.js and PostgreSQL.
- Built and maintained backend services for MRMP Asuka (perintis.riskmapro.com).

Fullstack Developer | Undercurrent Capital, Pte. Ltd. – Singapore | Apr 2022 – Dec 2025

- Built scalable fintech and Web3 platforms using Nest.js and Next.js serving thousands of users.
- Designed and maintained 20+ REST API endpoints integrating blockchain and payment services.
- Improved backend performance and response time through query optimization and caching.
- Projects: Avocado DAO, Booster Fun, Whitemane Wallet Service, Asterix, Scratch Win.

Technical Project Manager | Undercurrent Capital, Pte. Ltd. – Singapore | Nov 2023 – Dec 2023

- Temporarily covered the Project Manager role across 2 ongoing projects.
- Managed team tasks per sprint, reviewed daily & weekly performance, and supported cross-team requirements.

Fullstack Developer | Tixflare.com – Singapore | Sep 2024 – Jan 2025

- Tech stack: Next.js (frontend), Nest.js + MySQL with Prisma ORM (backend).
- Implemented secure checkout system using Stripe supporting multi-vendor ticket sales.
- Built seller verification, order tracking, email notifications, and address book features.

Fullstack Developer | Tixbite.com – Singapore | May 2023 – Jun 2024

- Tech stack: Next.js (frontend), Nest.js + MySQL with Sequelize ORM (backend).
- Built platform pages (support, privacy, terms, about, blog) and a payment integration page.
- Integrated 3rd-party HitPay APIs and resolved various admin API bugs.

Fullstack Developer | So High – Singapore | Sep 2022 – Mar 2023

- Tech stack: React Native (mobile), Vue.js (admin), Laravel (backend).
- Developed payment gateway via HitPay, gifting APIs, product APIs, and user profile APIs.
- Resolved bugs across the mobile app, backend, and admin panel.

Laravel Developer | Salasar eCommerce Total Solutions Pvt Ltd – India | Jan 2022 – Mar 2022

- Freelance role building e-commerce applications using Laravel and cs-cart.

Backend Developer | Qiblat – Indonesia | Aug 2020 – Mar 2022

- Built web applications primarily with Laravel, CodeIgniter, and Vue.js.
- Project: YO! Inves (yoinves.id).

Fullstack Developer | Panenpa – Indonesia | Sep 2021 – Dec 2021

- Maintained and enhanced existing applications and admin panel (Shikikan) using Laravel.

Fullstack Developer | KMS Edu App | Jun 2021 – Jul 2021

- Built a web app helping posyandu provide Kartu Menuju Sehat (KMS) services at home.
- Implemented KMS materials, quizzes with e-certificates, and admin page using Laravel and Vue.js.

Backend Developer Intern | Biotropica IPB – Bogor, Indonesia | Jan 2020 – Mar 2020

- Built a KPI (Key Performance Indicator) system for all employees using Laravel.

Backend Developer Intern | Kejar.id – Bogor, Indonesia | Jun 2019 – Jul 2019

- Supported education system development and learned Laravel as the primary backend framework.