

M Fitrah Muttaqin

Fullstack Developer

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SUMMARY

Dynamic fullstack developer with 17+ years of experience building enterprise-grade web and mobile applications. Proven track record designing and delivering large-scale government systems at Surabaya City Government (GRMS), and currently developing microservice-based operational platforms at PT Brighty Global Sinergy — including a Warehouse Management System and integrations with TikTok Shop, Shopee, Tokopedia, and major courier services. Expert in Vue.js, React, React Native, Laravel, Golang, and Node.js. Comfortable across the full stack including databases (PostgreSQL, MySQL), CI/CD pipelines, and production server management.

EXPERIENCE

DevOps & Infrastructure Engineer

2007 – Present

Freelance / Self-managed — Surabaya, Indonesia

- Manage 30+ VPS instances across bare-metal servers (Ubuntu, CentOS), DigitalOcean, Contabo, and GCP Compute Engine
- Deploy and manage Proxmox VE hypervisor on 5+ bare-metal servers since 2017, provisioning and maintaining 15+ VMs for development, staging, and production workloads
- Containerize 7+ production applications using Docker Compose with custom Dockerfiles, health checks, and private registries
- Administer PostgreSQL end-to-end: tuning, backup/restore, VACUUM, indexing, slow query analysis; also MySQL, MariaDB, Redis
- Build CI/CD pipelines with GitHub Actions; set up monitoring with Grafana, Zabbix, and Uptime Kuma
- Configure Nginx, Caddy, Traefik as reverse proxies; SSL/TLS via Let's Encrypt; server hardening with Fail2ban and UFW

Fullstack Engineer

2025 – Present

PT Brighty Global Sinergy — Indonesia

- Develop and maintain operational web applications using microservice architecture with Golang, Laravel, Next.js, Nuxt, and PostgreSQL
- Implement CQRS (Command Query Responsibility Segregation) pattern across services for scalable and maintainable architecture
- Build and maintain a Warehouse Management System (WMS) to support end-to-end inventory and operational workflows
- Integrate marketplace platforms (TikTok Shop, Shopee, Tokopedia) for unified product listing, order management, and inventory synchronization
- Integrate courier and logistics services (Lincah, Mengantar, J&T, JNE) for automated shipment creation, tracking, and status updates

Fullstack Developer

2023 – 2025

PT Cipta Integrasi Nusantara — Indonesia

- Develop and maintain web applications using Node.js, Vue.js, Golang, Laravel, and PostgreSQL
- Maintain and develop a hospital management system covering patient registration, medical records, billing, and clinical workflows
- Integrate with BPJS Kesehatan (Badan Penyelenggara Jaminan Sosial — Indonesia's mandatory national health insurance, covering 230M+ members) for automated claim submission, billing verification, and patient eligibility checks
- Implement CQRS (Command Query Responsibility Segregation) pattern to decouple read and write operations for improved scalability
- Optimize database queries and data access layer using Prisma ORM, improving query performance and code maintainability

Fullstack Developer

2013 – 2024

Surabaya City Government — Surabaya, Indonesia

Design and develop eBudgeting, SABK, and ePayment — three of many apps in GRMS (Government Resource Management System) for Surabaya City:

- Develop and maintain web applications using Java, JasperReport, React, React Native, Vue.js, Golang, Laravel, PostgreSQL, and related technologies
- Spend the majority of the role managing and maintaining on-premise server infrastructure — including application servers, database servers, and file servers — running 15+ VMs on Proxmox VE across 5+ bare-metal machines hosting all government production systems
- Collaborate with cross-functional teams including designers, product managers, and other developers to deliver high-quality products
- Implement responsive design and ensure cross-browser compatibility
- Participate in code reviews and provide constructive feedback to team members

Fullstack Web Developer

2010 – 2013

PT Semen Indonesia — Gresik, Indonesia

- Develop and maintain two web application projects: feature additions, refactoring, and bug fixes
- Stack: HTML, CSS, JavaScript, PHP 5, SQL, CodeIgniter, Sencha/ExtJS, MySQL 5, Apache HTTPD, PHPMyAdmin, PowerDesigner

PHP Developer

2008 – 2009

PT Nipsea Paint and Chemical Co. Ltd. (Nippon Paint) — Gresik, Indonesia

- Build a new web application from scratch: HTML, CSS, JavaScript, PHP 5, SQL, Sencha/ExtJS, MySQL 5, Apache HTTPD

Database Analyst

2007 – 2008

PT Traspac — Surabaya, Indonesia

- Develop and optimize SQL queries to improve database performance and efficiency
- Collaborate with cross-functional teams to identify data requirements and enhance reporting capabilities

EDUCATION

SKILLS

Frontend: Vue.js (Expert), React (Expert), React Native (Expert), Next.js, Nuxt, HTML / Bootstrap / Tailwind / TypeScript (Expert)

Backend: Laravel (Expert), Golang (Advanced), Node.js (Advanced), Java (Advanced), Python (Proficient), PHP

Databases: PostgreSQL (Advanced), MySQL / MariaDB (Advanced), Redis, Prisma ORM, JasperReport

Architecture: Microservices, CQRS, REST API, MVC

Integrations: TikTok Shop, Shopee, Tokopedia (marketplace APIs); JNE, J&T, Lincah, Mengantar (courier APIs); Google OAuth

DevOps (Supporting): Proxmox VE (Advanced), Docker & Docker Compose (Advanced), GitHub Actions CI/CD, Nginx / Caddy / Traefik, Linux Admin Ubuntu/CentOS, GCP, DigitalOcean, Cloudflare, Grafana / Zabbix

Soft Skills: Communication, Teamwork (Advanced)