

Muhammad

Software Engineer | Backend Systems & Integrations

Jakarta, Indonesia | +62 851 8643 6215 | muhammadghafuri6301@gmail.com | linkedin.com/in/muhammad-ghafuri

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience delivering backend services, system integrations, and full-stack applications for telecommunications, media, and government clients. Experienced with Laravel, Node.js, TypeScript, C#, SQL databases, Redis, and Docker. Proven in API integration, performance optimization, UAT support, production rollout, and cross-functional delivery.

PROFESSIONAL EXPERIENCE

Software Engineer

Sep 2024 - Present

PT Inter Sistem Asia (iSystem Asia) | Jakarta, Indonesia

CelcomDigi Bhd, Malaysia - Enterprise NCCF Platforms

- Develop and maintain an enterprise order management platform used by business customers to process company registration agreements.
- Build backend services and integration modules using Laravel, Creatio (C#), Microsoft SQL Server, Redis, and Node.js.
- Designed multi-system APIs that automate item distribution workflows, with improved validation, reliability, and error handling.
- Integrated NCCF order management with the client's internal ERP system and resolved complex cross-platform data issues.
- Support UAT and production rollout while coordinating issue resolution with internal, offshore client, ERP, and business teams.

Software Engineer

Feb 2023 - Aug 2023

PT Svara Inovasi Indonesia | Remote, Indonesia

- Developed production features for Svara Aircast, a radio streaming automation platform used in media and broadcasting environments.
- Reduced CPU usage by approximately 30% by optimizing file I/O operations.
- Designed and implemented real-time audio silence detection to improve stream reliability and operational monitoring.
- Collaborated with cross-functional teams to deliver modular, maintainable, and production-ready features.

Software Engineer Intern

Feb 2022 - Feb 2023

PT Svara Inovasi Indonesia | Bandung, Indonesia

- Built cross-platform desktop application features using Electron, React, and Tailwind CSS alongside senior engineers.
- Translated design specifications into precise, responsive user interfaces.
- Worked directly with product owners to clarify requirements, iterate on features, and support delivery from concept to release.

CORE TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#, Python, Go, C

Backend & Web: Node.js, Laravel, .NET, Hono, React, Electron, REST APIs

Data: PostgreSQL, PostGIS, Microsoft SQL Server, MySQL, MongoDB, Redis

Platforms & Tools: Docker, AWS, Google Cloud, Cloudflare Workers, Git, SVN

Muhammad

Software Engineer | Backend Systems & Integrations

muhammadghafuri6301@gmail.com | +62 851 8643 6215 | linkedin.com/in/muhammad-ghafuri

FREELANCE EXPERIENCE

Software Engineer - SITAMPANPARAT

2024

BPTPH Jawa Barat | Government Client

- Built a mapping and reporting system supporting mobile application workflows.
- Developed REST APIs with Node.js, TypeScript, Hono, and PostgreSQL.
- Implemented geospatial storage and visualization using PostGIS and Leaflet.
- Designed Docker-based deployment and document generation for complex business transactions.
- Owned production deployment independently.

SELECTED PROJECTS

Eventix - Event ticketing REST API with JWT authentication, organizer workflows, ticket tiers, orders, mock payments, QR tickets, and check-in. *Go, SQLite, JWT*

Manja App - Full-stack project management application deployed on Cloudflare's edge platform. *TypeScript, Cloudflare Workers, Hono, HTMX*

Next MangaDex - Mobile-first manga reader integrating the MangaDex API. *Next.js, REST API*

RexSteam - E-commerce application with product and transaction workflows. *Laravel, MySQL*

EDUCATION

Bachelor of Science in Computer Science

Jul 2024

BINUS University | Jakarta, Indonesia

CERTIFICATIONS & ACHIEVEMENTS

- Creatio Developer - Advanced Level
- AWS Cloud Practitioner - Dicoding Indonesia
- Generative AI Explorer (Vertex AI) - Google Cloud
- Create and Manage Cloud SQL for PostgreSQL - Google Cloud
- Participant, International Collegiate Programming Contest (ICPC) - Jan 2021
- TOEFL score: 626

ENGINEERING CAPABILITIES

System integration, API design, backend development, database design, geospatial applications, performance optimization, functional programming, data structures and algorithms, web development, LLM integration, UAT support, and production rollout.