

MIFTAKHUDDIN FALAKI

PHP Developer | Full Stack Developer | Programmer

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SUMMARY

Full Stack Developer with experience in building and maintaining enterprise applications using Laravel, PHP, Node.js, and JavaScript. Skilled in developing reporting systems, analytics dashboards, dynamic data management, RESTful API integrations, and WhatsApp Gateway solutions using Express.js and Baileys. Proficient in database design, complex SQL queries, SQL Server integration, and application performance optimization. Experienced in end-to-end software development, including backend and frontend implementation, system maintenance, troubleshooting, and Laravel framework upgrades. Strong problem-solving abilities with a focus on delivering scalable, reliable, and efficient business solutions.

WORK EXPERIENCE

IT Programmer, Mandaya Royal Hospital Group

Mar 2024 - Now

- Developed and maintained internal web applications to support hospital operations across medical and non-medical departments.
- Designed and implemented interactive dashboards, reporting systems, and data visualization tools to support data-driven decision-making.
- Built and maintained integrations between Hospital Information Systems (HIS), Electronic Medical Records (EMR), insurance platforms, and internal business applications.
- Created applications integrated with HIS databases, insurance systems, doctor fee management systems, and third-party APIs using Laravel, Node.js (Express.js), JavaScript, and Microsoft SQL Server.
- Designed, optimized, and maintained complex SQL queries, stored procedures, and database structures for reporting and operational requirements.
- Supported HIS and EMR systems, including application development, troubleshooting, database administration, and performance optimization.
- Implemented and maintained WhatsApp Gateway solutions for internal notifications and automated business processes using Express.js and Baileys.
- Managed application deployment, configuration, and maintenance on Windows Server environments utilizing Nginx, XAMPP, Laragon, and IIS.
- Built and maintained CI/CD pipelines to automate application integration, testing, deployment, and release processes.
- Performed application upgrades, bug fixing, troubleshooting, and production support to ensure system reliability and availability.
- Collaborated with stakeholders, department heads, and end users to gather requirements and deliver business-focused technology solutions.
- Assisted in infrastructure and system administration tasks, including server configuration, domain integration, SSL implementation, and SQL Server connectivity management.

Full Stack Developer, PT. Aneka Daisuib Jaya

Jul 2023 - Feb 2024

- Designed E-Commerce system and database architecture.
- Created features such as wishlist, cart, checkout, product variants, product purchasing, and admin dashboard, along with REST APIs for front-end use.
- Integrated Payment Gateway (Midtrans Snap UI & Core UI) and GoSend API for transaction processing, including UAT with GoSend.
- Developed dynamic Web View application using Kotlin.
- Updated dependencies and resolved update conflicts.
- Reviewed team's pull requests for code quality and consistency.

KEY SKILLS

Programming Languages

- PHP, JavaScript, Node.js

Frameworks & Libraries

- Laravel, CodeIgniter 4, Express.js

Databases

- Microsoft SQL Server, MySQL, SQLite, JSON

Version Control

- Git, Git Flow, GitHub

DevOps & CI/CD

- Docker & Docker Compose, GitHub Actions, GitLab CI/CD, Automated Deployment Pipelines

Operating Systems & Infrastructure

- Windows Server, Linux Server, VPS Administration, Application Deployment & Maintenance

Enterprise Systems & Integration

- Hospital Information System (HIS Origin Integrated Studios), RESTful API Development & Integration, WhatsApp Integration, Reporting, Database Optimization & Complex SQL Query Development
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CERTIFICATIONS

- NGINX MasterClass: NGINX Server & Custom Load Balancer — Udemy
- Mastering SQL Query with SQL Server — Udemy
- JavaScript OOP: Mastering Modern OOP — Udemy
- PHP Laravel: Build Food Ordering Ecommerce Store — Udemy
- SQL: From Zero to Hero - Unleash the Data Superpowers Within — Udemy
- PostgreSQL Bootcamp: Complete Beginner to Advanced — Udemy

LANGUAGE

- Indonesian: Fluent
 - English: Basic reading and writing skills
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EDUCATION

Indraprasta PGRI University — Bachelor of Computer Science

2018-2022

Faculty of Informatics, Computer Science and Technology (GPA: 3.55)

Public Repository

