

Fawwaz Ihsan Ramadhan

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Jakarta, Indonesia

KEY COMPETENCIES

Python
Django
Postgres

PHP
Laravel
MongoDB

Javascript
React.Js
Electron

PROFESSIONAL EXPERIENCE

Julo Teknologi Finansial, Jakarta

Dec 2021 - Present

Senior Backend Engineer

- Lead development and maintenance of repayment features using **Django** and **PostgreSQL**, ensuring reliable payment processing for thousands of daily transactions
- Optimized critical API endpoints, reducing response times by implementing database query optimizations, caching strategies, and efficient data structures
- **Monitor** production systems using **Kibana** and **Datadog** to proactively identify and resolve performance bottlenecks, maintaining 99.9% uptime
- **Mentoring** junior engineer in the **repayment** squad, conducting code reviews and providing technical guidance on **Django** best practices and system architecture
- Collaborate with product and operations teams to design scalable solutions for complex repayment scenarios

MileApp, Jakarta

Nov 2020 - Dec 2021

Senior Backend Engineer

- Developed and maintained route optimization features for logistics operations using OSRM with **Flask** and **FastAPI**, improving delivery efficiency for enterprise clients
- Enhanced web platform functionality using **Vue.js**, **Laravel**, and **MongoDB**, delivering new features that improved user workflows
- Led engineering initiatives as direct report to Head of Engineering, coordinating cross-functional projects and ensuring timely delivery of critical features
- Contributed to technical decision-making for system architecture and technology stack improvements

Laku6, Jakarta

Oct 2019 - Nov 2020

Junior Software Engineer

- Built and maintained MauJual Android application and backend infrastructure using **React Native**, **Django**, and **PostgreSQL**
- Enhanced internal Laku6 dashboard using **Symfony** and **PostgreSQL**, streamlining operations team workflows
- Implemented **RESTful** APIs and optimized database queries to support mobile application features

ADX Asia, Jakarta
Junior Software Engineer

Jan 2019 - Jul 2019

- Set up a Raspberry Pi system with remote control and monitoring capabilities using Python, ensuring seamless accessibility and management.
- Conducted in-depth research on Raspberry Pi hardware enhancements required by the company, contributing valuable insights for optimal system performance.
- Developed a customized web page tailored to meet the specific needs of the company using **Vue.js**, enhancing the user interface and overall functionality.

EDUCATION

Bina Nusantara University
Bachelor of Computer Science

2019 - 2021

Bogor Agricultural University (IPB University)
Diploma in Computer Engineering

2015 - 2018

PROJECTS

Inbloom Fleur
Website

Jun 2021 - Aug 2021

Developed a full-fledged florist website from scratch, encompassing front-end and back-end development, as well as design, utilizing **React.js** and **Django**. Seamlessly integrated transaction capabilities to enhance user experience and streamline business operations.

TKM Teknologi Indonesia
Website

Aug 2024 - Dec 2024

Developed the TKM Teknologi Portal using **Django** and **React.js**, with a **PostgreSQL** database. The web platform includes features for project creation, project monitoring, and ticketing, along with an integrated e-learning module for agents.

Mulia Resort Bali
Application

Aug 2024 - Dec 2024

Developed a Visitor Management System (VMS) for Mulia Resort Bali using React.js, wrapped with Electron for a Windows application. The backend was built with **Django** and **PostgreSQL** for data storage. Key features include adding visitors, capturing visitor photos, editing and deleting entries, and printing visitor cards.