

David Mulyawan Oktavianus

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Professional Summary

Software engineer with a skillset in full stack development and 3+ years of experience in developing applications for mobile, web, and desktop platforms. Managed to lead the development of a self-service bus ticketing project, from scratch, in a high traffic international airport. Experienced in end-to-end software development cycle, Flutter, React, Typescript, Node.js, payment system integration using QR and EDC terminals, and backend service integration.

Technical Skills

Languages: Dart, JavaScript, TypeScript

Frameworks/libraries: React, Express.js, Flutter, Node.js, Next.js, Vue

Database: SQLite, PostgreSQL, MySQL, MongoDB, Firestore, Redis

Others: Firebase, HTML, CSS, API integration, Redux, Google Cloud Platform (GCP), GraphQL, Linux

Experiences

Liven

Junior Full Stack Engineer | April 2025 - *present*

- Currently working on a mall loyalty program at Liven's newly built tech hub in BSD, Indonesia

Qios Teknologi Indonesia

Staff Programmer | *Feb 2022 - April 2025*

- Lead the development of a self service bus ticketing application for a client in a high traffic Indonesian airport, overseeing up to 90,000 transactions per month, contributing to exposure for the company and resulting in a seamless way for users to book bus tickets.
- Integrate QR and EDC payment with payment gateway and state bank, resulting in an efficient and secure way for doing transactions.
- Integrate Firebase Crashlytics to track errors, leading to faster and more efficient issue identifications.
- Utilize Jest to create unit tests, ensuring bug-free codebase.
- Implement native Java code for hardware-related use cases using Flutter's platform channel, resulting in less dependencies from third party libraries.

Freelance

Full Stack Developer | 2024 - Present

- Conduct thorough system analysis to identify key requirements, resulting in a well-defined project scope.
- Efficiently create project timelines and thorough documentation using GitHub Projects to ensure project delivery.
- Utilize Flutter, Express.js, Typescript, and MongoDB to create a robust invoice management system, resulting in a more efficient way to generate invoices and manage inventory and customers.
- Utilize Google Cloud Platform to generate automated monthly sales and transaction reports, ensuring consistency and efficiency in managing sales data for the client.
- Manage monthly database backups, ensuring data safety for the client.

Personal Projects

Slinks

slinks.deno.dev | A link shortener web app to explore HTMX and Deno.

- Features include light/dark mode, QR code generation for links, and copying into clipboard.

Personal Site

davdmoo.vercel.app | A personal site featuring light/dark mode, server-side generation, built-in analytics, and message board.

rePath

github.com/davdmoo/repath-be | Contributed as the backend lead during Hacktiv8 bootcamp's final project.

- Developing a JSON API using Express and MongoDB. The project aimed to recreate the now-terminated Path social media platform.

Education

Hacktiv8 | Feb 2022

Bootcamp | Full Stack Javascript

- Learned programming from scratch using Javascript
- Gained hands-on experience in developing APIs, web and mobile applications, and software automated testing
- Developed skills in backend and frontend development using tools such as Express, Jest, PostgreSQL, MongoDB, React, and React Native

Padjadjaran University | Aug 2020

Bachelor of Science | Chemistry | GPA: 3.22