Novandra Zulfi Ramadhan

Software Engineer

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Summary

Passionate building world-class products through proven software development and engineering skills. Proficient in full-stack web development with expertise in front-end and back-end technologies. Skilled in developing mobile and desktop application. Adept at collaborating with cross-functional teams to deliver high-quality software on schedule.

Work Experiences

Senior Web Developer (Module Team)   Jan 2024 – Present, Onsite Indonesia
CLT Toolbox ↗

- Analyzing Spreadsheet Data, Flow and Calculation for prepare to implement in Web app.
- Connect to API Data and Convert the Analyzed Spreadsheet to JavaScript Module.
- Do Functional Test and Integration Test for Calculation Module.

Front-End Engineer (Core Team)   Sep 2022 – May 2024, Remote US
aiBase, Inc. ↗

- Develop and maintain frontend side of machine learning self-service platform with React (Typescript).
- Creating and Implementing the Core/Main features at frontend side.
- Optimized application performance and reduced response times.

Full-Stack Engineer   Jun 2021 - Feb 2022, Remote Germany
Kleinanzeigen Enhanced ↗

- Develop Ad's management platform with Microservice architecture.
- Implementation business logic backend side with Laravel and NodeJS.
- Slicing Figma design to React (Typescript) and connect to backend API.

Projects

Novent   Oct 2024 - Present
Social media to share various events local or outside region with selling tickets feature.

- Design business flow with InVision and Design Micro UI (Icon) in Figma.
- Implement business logic backend side with Supabase and PostgreSQL.
- Slicing Figma UI Design into Next.JS (Web) and Flutter (Mobile).

Technologies: Next.js • Tailwind • Flutter • Supabase

Nodio   Sep 2024 - Present
Nodio is a digital radio player service that gives you access to millions of worldwide channels and can run in any devices like Computer, Mobile, TV, Console, and Car.

- Build Rest API with Supabase services and PostgreSQL.
- Slicing Figma UI Design into several UI platform.
- Optimized business logic back layer and share into different native UI.

Technologies: Kotlin Multiplatform • Supabase

Retron VPN ↗   May 2022 - June 2022
Cross-platform Desktop GUI for VPN client application

- Implement Figma design into React.js component
- Syncron communication with Electron IPC for native APIs platform

Technologies: TypeScript • Node.js • Electron.js • React.js • Material UI

Education

Universitas Muria Kudus, Computer Science   Sep 2019 - Oct 2023
Kudus Central Java, Indonesia

Grade : 3.67
Thesis : Implementation of Convolutional Neural Network with Deep Learning in Study Case Rice Leaf Disease

Technologies

Programming Language
JavaScript • TypeScript • Dart • Java/Kotlin • PHP • Python • C#

Web Application
Node.js • Nest.js • Laravel • React.js • Next • Remix • Redux • React Query • Zustand • Tailwind • Bootstrap • Material UI

Mobile Application
React Native • Flutter • Kotlin

DBMS
PotgreSQL, MySQL, MongoDB, Firebase, Supabase

Desktop Application
Electron.js

Cloud Service
AWS

CI/CD
Docker • Unit Testing • Gitflow • AWS Lambda

Tools
Figma • Zed • Visual Studio Code • Android Studio • Xcode • Git

Colaboration Tools
Microsoft Teams • Slack • Jira • Trello • Asana