Mochamad Daffa

Software Engineer

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Profile

I am a Software Engineer passionate about building reliable, efficient, and scalable solutions. Experienced in the full software development lifecycle, with expertise in writing clean code, solving complex problems, and optimizing system performance by bridging IT infrastructure with modern applications. A continuous learner dedicated to mastering new technologies.

Education

- **Bachelor of Science in Informatics, Multimedia Nusantara University**   2023 – Present
- **Vocational High School Diploma in Software Engineering, SMK Negeri 4 Bandung**   2020 – 2023

Key Skills

- Languages: PHP, JavaScript, C#, HTML5, CSS3
- Frameworks & Libraries: Laravel, React, Vue.js, Node.js
- Databases: MySQL, MongoDB
- Tools & APIs: Git, GitHub, Unity, RESTful APIs

Projects

Full-Stack Auction Platform (Web & Desktop)

- Engineered a full-stack auction platform using native PHP and MySQL, then packaged the web app into a cross-platform desktop client using Electron to manage bidding, listings, and user authentication.

North Sumatra Travel Guide (Web)

- Built a responsive tourism SPA using React, featuring React Router for navigation and React Hooks for state management. Integrated a REST API to dynamically display attractions and guides.

Experience

Software Developer Intern, Birutekno Inc.   Mar 2022 – Aug 2022

- Developed custom software solutions tailored to the operational needs of the client, PT ACSET.
- Designed, coded, and tested software applications according to client requirements.
- Collaborated with stakeholders to gather requirements and translate them into technical specifications.
- Maintained and optimized application performance to ensure scalability and reliability.
- Created technical documentation and implemented post-deployment improvements to enhance system efficiency.