Boy Martahan Sitorus

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PROFILE

Enthusiastic and driven Informatics Engineering undergraduate with a strong passion for software development. Seeking an internship opportunity as a Software Engineer to apply and expand my skills in software development.

EDUCATION

Aug 2021 – Present	**Informatics Bachelor Degree, Del of Institute Technology** Current GPA 3.75/4.00	Laguboti, Indonesia

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WORK EXPERIENCE

Sept 2024 – Dec 2024 **Programmer Intern** Mandiri Intiperkasa

- Contributed to rebuilding the Sisakty web application using Laravel, replacing the previous Native PHP technology.
- Collaborated with the company's team to ensure the system meets the requirements.
- Developed features to support the Safety team, such as employee management, mine permit creation, and other modules that enhance operational efficiency and workplace safety.

June 2024 – August 2024 **Programmer Intern** PT. Dana Arta

- Developed a Savings and Loan web application for administrative purposes at Dana Arta Company using Laravel.
- Built core features such as loan creation, savings deposits, new member registration, payment processing, and financial report generation.
- Ensured the system was effectively utilized in cooperative operations, improving efficiency and accuracy in financial administration.

ORGANIZATIONAL EXPERIENCE

Sep 2023 – June 2024 **Head Division, Research and Technology, Himasti (Himpunan Mahasiswa Informatika)** IT Del

- Spearheaded all aspects of technology within the organization, including the development and maintenance of the official website.
- Coordinated and facilitated technology-focused webinars to enhance knowledge sharing and professional development among IT students, particularly Himasti students
- Collaborated with companies to organize technology webinars aimed at developing the knowledge of IT students, particularly Himasti students.

Oct 2023 – June 2024 **Core Team Member, Website and Cloud, GDSC** IT Del

- Collaborated with core team members to create and implement curriculum for website development workshops and training sessions.
- Collaborated with core team members to manage and conduct StudyJam session for all member of Google Developer Students Club IT Del.

PROJECTS

Jan 2025 – Current **E-Learning App Progamify**

- Developed an e-learning application incorporating gamification to enhance user engagement and learning experience.
- Built an admin panel for administrators and instructors to manage learning content using Laravel Filament.
- Developed a mobile application using Flutter, providing an interactive and user-friendly learning platform.
- Created a backend (REST API) system using Golang to facilitate seamless communication between the mobile application and the database, ensuring efficient data management and processing.

Feb 2024 – April 2024 **Job Portal Website**

- Developed a comprehensive job portal website with an intuitive dashboard tailored for streamlined company operations and Utilized advanced technologies such as Next.js and ShadcnUI
- Engineered a robust API architecture leveraging Next.js API routes for efficient data handling and seamless integration and Implemented secure authentication functionalities using Next-auth, ensuring data privacy and user authentication.
- Implemented Prisma & PostgreSQL hosted on Railway for Database management
- Leveraged Supabase for efficient image storage, enhancing the platform's performance and scalability..

SKILLS

Techniques	Software Engineers, Web Development
Tools and Frameworks	Laravel, Java, Mysql, ReactJS, NodeJS, Next.js, Express, Go, Flutter