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SUMMARY

Backend Developer with strong proficiency in modern web architecture. While my core expertise lies in building scalable APIs and optimizing database performance—demonstrated by spearheading a legacy migration to Laravel 12 at TVKU—I also possess solid full-stack capabilities. At Dinus Open Source Community, I engineered a comprehensive admin dashboard using Next.js and Tailwind CSS. I thrive in creating secure, high-integrity systems while maintaining the flexibility to contribute across the entire web development stack

EXPERIENCE

Backend Developer Intern

PT. Televisi Kampus Universitas Dian Nuswantoro

March 2025 - August 2025, Semarang, Central Java

- Spearheaded the modernization of a public-facing legacy system by migrating the entire codebase from CodeIgniter 2 to Laravel 12, ensuring a smooth transition with minimal service disruption.
- Re-architected the application using a scalable MVC structure and developed secure RESTful APIs to modernize data communication between client and server.
- Engineered a seamless database migration strategy to ensure high data integrity and implemented Eloquent ORM to optimize query performance for handling increased user traffic.
- Collaborated in a specialized 2-person backend team to analyze legacy functionalities and map them to the new system architecture.

EDUCATION

Bachelor of Computer Science

Dian Nuswantoro University • Semarang, Central Java • 2022

- GPA : 3.53/4.0
- Gained practical experience in collaborative problem-solving through active participation in team projects for various programming contests and university events.

PROJECT

Synergazing

www.synergazing.app

- Architected a scalable full-stack platform for the National Gemastik Competition as part of a 3-person development team, utilizing Go (Fiber) and Next.js to deliver a responsive user experience.
- Engineered a high-performance messaging system using WebSockets and Goroutines, enabling sub-millisecond latency for direct communication to accelerate project matchmaking.
- Automated complex recruitment workflows by implementing 'Team Capacity' logic and standardized deployment using Docker, achieving 100% environment consistency across development and production.

RiceSource

Dinus Open Source Community • github.com/Dinus-Open-Source-Community/doscom-ricesource.git

- Developed the Frontend using Next.js, Tailwind CSS, shadcn ui, react icon to provide a platform for the Linux community to share and discover ricing configurations.
- Engineered the complete admin dashboard for Ricesource, a community platform for Linux ricing, enabling efficient content moderation and user management.
- Worked collaboratively within a four-person team to achieve project goals.

BahasaKita

github.com/MFarisa/BahasaKita-be.git

- Developed the backend infrastructure and RESTful APIs using Laravel to support an educational platform for learning local languages.
- Implemented a fully integrated admin panel with Filament PHP, which significantly accelerated the process for content managers to update course materials.

AskBuddy

www.ask-buddy.app

- Launched AskBuddy, a full-stack web application using Next.js and Tailwind CSS, designed to facilitate real-world social interaction by providing engaging conversation-starter questions.
- Engineered both solo and multiplayer game modes, utilizing Supabase for its database and real-time features to ensure seamless, low-latency interactions between players.

TealinuxOS Installer

Dinus Open Source Community • github.com/tealinuxos/tealinux-installer.git

- Co-developed the official desktop installer for TealinuxOS (Arch Linux-based) within a 2-person frontend team, leveraging Tauri and Svelte to achieve native application performance and resource efficiency.
 - Transformed complex UI/UX designs into a responsive installation wizard using Tailwind CSS, ensuring a streamlined and intuitive onboarding experience for new users.
 - Engineered the critical integration between the frontend interface and low-level system processes, enabling the secure execution of backend installation logic.
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INVOLVEMENT

Staff and Member Of Programming Division

Semarang, Central Java • Dinus Open Source Community • August 2023 – July 2025

- Contributed to the development and maintenance of the community's open-source ecosystem, collaborating with peers to build desktop utilities and web platforms for Linux users.
 - Participated actively in team collaborations, technical discussions, and code reviews, fostering a culture of knowledge sharing and adherence to open-source development standards.
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SKILLS

Hard Skills: Go, PHP, TypeScript, Laravel, Next.js, Livewire, Filament, Tailwind CSS, Svelte, PostgreSQL, MySQL, Supabase, Docker, Git, Linux, RESTful APIs

Soft Skills: Communication, Team Collaboration, Problem-Solving, Adaptability
