

# Muhammad Faris Assami

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Semarang, Jawa Tengah, Indonesia

## SUMMARY

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A Computer Science graduate with a strong focus on backend development and system optimization. Experienced in modernizing legacy systems to Laravel and developing high-performance full-stack applications using Go and Next.js through internship programs. Passionate about modern web architecture and actively contributing to open-source communities.

## EXPERIENCE

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### Backend Developer Intern

PT. Televisi Kampus Universitas Dian Nuswantoro (TVKU)

Maret 2025 – Agustus 2025

Semarang, Jawa Tengah

Transformed legacy systems from CodeIgniter 2 to Laravel 12 by re-architecting MVC structures, optimizing RESTful APIs, and enhancing database query performance using Eloquent ORM.

## EDUCATION

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### Dian Nuswantoro University

Bachelor of Computer Science (Informatics Engineering), GPA : 3.57/4.0

September 2022 – April 2026

Semarang, Jawa Tengah

## ORGANIZATION

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### Staff of Programming Division

Dinus Open Source Community (DOSCOM)

August 2024 – July 2025

Semarang, Jawa Tengah

Contributed to various open-source projects, collaborated in teams for national-level competitions, and conducted regular code reviews to maintain high community software quality standards.

## PROJECT

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### Synergazing | [Synergazing Link](#) | [Github Link](#)

- Developed a student collaboration platform for the national Gemastik competition using Go (Fiber) and Next.js. Engineered a WebSockets-based real-time chat, notification systems, and Docker containerization with PostgreSQL.

### BahasaKita | [Github Link](#)

- Developed a gamified language education API for the national UPGRIS competition using Laravel and MySQL. Implemented leaderboard features, Google OAuth, and Filament admin panel for content management and user progress tracking.

### TVKU

- Designed RESTful APIs with Laravel for automated news workflows, translation features, and broadcast scheduling. Integrated YouTube live streaming and RBAC systems to enhance operational efficiency and station content security.

### Tealinux Installer | [Github Link](#)

- Developed an Arch Linux-based distribution installer using Tauri and Svelte. Integrated a responsive frontend with low-level system processes via CLI to ensure a secure, fast, and efficient installation process.

### AskBuddy | [Askbuddy Link](#) | [Github Link](#)

- Launched an interactive digital card game for the national HMTI competition using Next.js and Supabase. Managed real-time data synchronization without login requirements to support seamless Single and Multi-player user experiences.

## SKILL

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

**Soft Skill** : Communication, Team Collaboration, Problem-Solving, Adaptability