SYAHRUL BHUDI FERDIANSYAH

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As an Informatics Engineering student at Politeknik Negeri Malang, I am passionate about advancing my career in Full-Stack Development. With a solid foundation in both frontend and backend technologies, I have hands-on experience working with JavaScript frameworks such as Next.js and SvelteKit with TypeScript, as well as backend development using Laravel and Golang. I am quick to learn new concepts and adapt to complex projects, enabling me to deliver effective, innovative solutions. Driven by a commitment to continuous growth, I am eager to contribute my skills in a collaborative, forward-thinking environment where I can make meaningful contributions to team goals and further develop my technical expertise.

Work Experiences

PT Sthira Teknik Indonesia - Freelance   Jul 2024 – Dec 2024
Fullstack Developer

- Developed a comprehensive web platform to streamline the registration, management, payment processing, and administration of training sessions and seminars for healthcare professionals at RSUD Prambanan, Yogyakarta. This platform improves operational efficiency, simplifies participant management, and supports seamless administration for the hospital's professional development initiatives.

Workshop Riset Informatika - Indonesia   Oct 2023 - Present
Web Developer Mentor

- Embarked on a new and exciting journey as a mentor in the field of website development, guide 100+ mentee and inspire the next generation of web developers.
- Entrusted with the responsibility of guiding aspiring web developers, providing them with support, insights, and encouragement to help them succeed in their educational and professional pursuits.

Projects

Vexora - Politeknik Negeri Malang   Aug 2024 – Dec 2024
Backend Developer & Machine Learning Engineer

- Vexora is a mood-based music recommendation system that uses facial emotion detection to suggest personalized music playlists. The system leverages CNN for emotion detection and K-means clustering for music matching.

TechStack : Flutter, Fiber Golang, Python, PostgreSQL, Redis, Docker, CNN, Tensorflow

Web Training Healthcare Professionals - PT Sthira Teknik Indonesia   Jul 2024 – Dec 2024
Fullstack Developer

- Developed a web platform for registration, management, and administration of training and seminars for healthcare professionals at RSUD Prambanan, Yogyakarta.

TechStack : Laravel, ReactJs, Inertia, TypeScript, MySQL, TailwindCSS

Siwarga13 - Politeknik Negeri Malang   Feb 2024 – Jun 2024
Fullstack Developer

- Developed a web-based Rukun Warga Administration application to learn more about the activities, benefits, and purposes as well as the importance of administation at RW.

TechStack : Laravel, MySQLI, TailwindCSS

Education Level

Politeknik Negeri Malang - Malang, Indonesia   Aug 2022 - Jul 2026 (Expected)
Bachelor Degree in Informatics Engineering 3.79/4.00

- KIPK outstanding students and education affirmation at State Polytechnic of Malang 2023
- Develop knowledge of critical thinking and problem solving

Organisational Experience

Workshop Riset Informatika   Feb 2024 - Present
Head of Web Developer Division

- Led the Web Developer Division at Workshop Riset Informatika, overseeing strategic planning, resource allocation, and the successful execution of a web development miniclass. Managed a team of skilled professionals to ensure high-quality outcomes and project success.

Certificates & Courses

- **Implement Load Balancing on Compute Engine Skill Badge |** Google (Sep 2024)
- **Google Cloud Computing Foundations: Cloud Computing Fundamental** | Google (Mar 2024)
- **Google Cloud Computing Foundations: Infrastructure in Google Cloud** | Google (Sep 2024)

Skills

- **Soft Skills**: Problem Solving, Integrity, Team Working, Multitasking, Adaptability, Comunication
- **Development:** Experienced in building applications using Next.js and SvelteKit with TypeScript, as well as backend development like Laravel and Golang.
- **Database Management**: Skilled in MySQL and PostgreSQL for creating, managing, and optimizing relational databases to support application requirements.
- **Basic Containerization**: Familiar with Docker for simple containerization tasks and creating isolated environments.
- **Version Control**: Experienced with Git for version control and collaborative workflow management in development projects.