MUHAMMAD FAHLI SAPUTRA

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Banjarbaru, South Kalimantan

Experienced in designing and developing web and Android apps, with a strong understanding of object-oriented programming. Familiar with Laravel, PHP, Java, Javascript, and intermediate Node.js experience. In-depth knowledge of both SQL and NoSQL database, ensuring optimal data management. Passionate about creating software that can help people and businesses to grow.

Experiences

Hafdzamedia Teknologi Aplikasi - Malang, East Java   Aug 2023 - Dec 2023
Full Stack Engineer

- Develop web and Android apps to meet client needs. Mostly using Laravel, PHP, Javascript, Node.js to develop web and backend services, Java to develop Android apps.
- Integrate the Android app with backend services, utilizing RESTful APIs or other communication protocols.
- Collaborate with the development team to understand application requirements and translate them into efficient database structures.
- Implement SQL database (MySQL and MariaDB) and NoSQL database with Firebase to the project.
- Assist the owner in minimizing costs related to the application infrastructure.
- Set up a simple CI/CD pipeline so that each commit can be automatically tested before being deployed to production using tools such as GitHub Action.
- Set up a Linux server with Nginx or OpenLiteSpeed web server, a database, and other relevant software.
- Implement version control using tools such as Git and use Jira as project management software.

Universitas Negeri Malang - Malang, East Java   Aug 2022 - Jul 2023
Web Programming Lecture Assistant

- Handle more than 100 students in 3 web programming classes for two semesters.
- Sharing fundamental front-end technologies such as HTML, CSS and Javascript.
- Teaching the Laravel framework from the basics to the advanced level.
- Guide students to create web projects using the Laravel framework.

ITSME Indonesia - Banjarbaru, South Kalimantan   Mar 2020 - Jun 2020
Software Engineer Internship

- Develop web graduation for SMK Negeri 4 Banjarbaru in a week with PHP and Javascript.
- Develop Windows application using C#, LINQ and Microsoft SQL Server.
- Learning how to develop Android apps using Java.

Education Level

Universitas Negeri Malang ⊘ **-** Malang, East Java   Aug 2021 - Aug 2025 (Expected)
Bachelor Degree in Informatics Engineering, 3.94/4.00

- Presenter of the 22' Electrical Engineering Department Student Association Online Course for Web Development
- 2nd Place in Game Development at Electrical Engineering Student Creativity Festival (FESMARO)
- Obtained 6 copyrights from website development.

SMK Negeri 2 Banjarbaru - Banjarbaru, South Kalimantan   Jul 2018 - May 2021
High School Diploma in Computer and Network Engineering

- Proficient in linux system administration, including web server, database, ftp, firewall, etc.
- Get certified as a MikroTik Certified Network Associate (MTCNA)

Organisational Experience

Google Developer Student Clubs Chapter Universitas Negeri Malang   Sep 2022 - Jul 2023
Web Core Team

- Responsible for developing the curriculum for web learning path
- Developing the UM GDSC website using Next.js, GitHub and Vercel.
- Became a speaker at the GDSC's weekly study jam event.

Skills, Achievements & Other Experience

- **Achievements** ⊘ (2023): 2nd Place in Game Development at Electrical Engineering Student Creativity Festival (FESMARO)
- **Achievements** (2021): Awardee Indonesia Maju Scholaship Batch 1
- **Achievements** ⊘ (2020): 2nd place in IT Software Solution for Business at the National LKS SMK 2020

- **Achievements** ⊘ (2020): 1st place in Web Technologies at Virtual Skills Competition 2020
- **Achievements** ⊘ (2019): 2nd place in Computer Olympics at Borneo Youth Tech IT Competition 2019
- **Achievements** ⊘ (2019): 1st place in IT Software Solution for Business at the South Kalimantan LKS SMK 2019
- **Hard Skills** ⊘ (2021): MikroTik Certified Network Associate (MTCNA)
- **Hard Skills** ⊘ (2021): KKNI Level II at Computer Network Engineering Skill Competency
- **Hard Skills** ⊘ (2020): Dicoding Android Apps Fundamental
- **Hard Skills** ⊘ (2022): Pre-Advanced level with total score 500 in english proficiency test
- **Projects** ⊘ (2022): Develop a Competify web application using Laravel to fulfil the Web Programming course assignment.
- **Projects** ⊘ (2023): Develop a Tukangspace mobile app to fulfil the Information Systems Project course assignment.
- **Projects** ⊘ (2023): Develop an open-source Laravel package to minify and obfuscating Javascript - Laravel Minify
- **Projects** ⊘ (2023): Develop an open-source PHP framework project - Phenomine
- **Projects** ⊘ (2023): Developing Batik Hasany e-commerce web application using Laravel
- **Hard Skills**: Have experience in implementing version control using tools such as Git and using project management software such as Jira
- **Hard Skills** ⊘: Proficient in using Linux Debian, created some tutorial content about Linux on my personal YouTube
- **Soft Skills**: Teamwork skills, have experience as a project lead in managing a team of 5 people.
- **Soft Skills**: Good communication and public speaking skills in presenting online courses, Google Developer Student Clubs study jam and lecturer assistants.
- **Soft Skills**: Problem solving, creating various applications from various clients
- **Soft Skills**: Analytical thinking, able to translate client needs to the development team