FAIZ ISMAIL MAKARIM

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Tegal, Central Java

I am a D3 Informatics Engineering student with a keen interest in full-stack and mobile development. During my studies, I led a team in Project-Based Learning, honing my leadership, analysis, communication, and teamwork skills. I am experienced in developing web applications using Laravel, MySQL, and PHP and mobile applications using flutter and dart. My discipline, responsibility, and curiosity drive me to keep learning and growing in technology. I am ready for a career as a full stack developer.

Education Level

Politeknik Negeri Semarang - *Semarang, Central Java*   Aug 2023 - Present

Associate Degree in Informatics Engineering, 3.90/4.00

- Relevant Course: Basic Programming (Grade A), Algorithms and Programming (Grade A), Object Oriented Programming (Grade AB), UI/UX Design (Grade A), Computer Networking I (Grade A), Computer Networking II (Grade AB), Immersed Systems (Grade A), Database Systems (Grade A), Information Security (Grade A), Mobile Programming (Grade A), Dynamic Web Programming (Grade A)

Organization Experience

Korps Sukarela PMI - *Semarang, Central Java*   May 2023 - Present

Chief of the Headquarters Division

The Indonesian Red Cross (PMI) Volunteer Corps (KSR) is an organization engaged in the humanitarian field, with a primary focus on emergency aid and relief. KSR PMI requires high teamwork and dedication from each member.

- Assist in the process of humanitarian assistance including operational activities, preparation, and strategic planning in helping others.
- Coordinate with PMI and also related parties in the distribution of humanitarian assistance.
- Train and develop human resources related to volunteer and disaster training.
- Actively contribute to all PMI activities and volunteer activities.

Project Experience

Project Based Learning: Myhiking App 🔗   **Sep 2024 – Dec 2024**
- Mobile App for booking mountain climbing. Flutter, Dart, C++, Cmake.

Project Based Learning: Myhiking Admin Web 🔗   **Sep 2024 – Dec 2024**
- Web application to manage the system in the Myhiking app. Laravel, PHP, MySQL, Rest API.

Project Based Learning: TuNetic 🔗   **Mar 2025 – May 2025**
- Web application for tracking garbage collection from TPS to TPA. Laravel, PHP, Javascript, MySQL.

Project Midterm exam assignment: Sakarepe Dewek Game 🔗   **Apr 2025 – May 2025**
- A simple game that contains 3 mini games, namely Heroes Knowledge (knowledge about Mobile Legends heroes), Paimon Pingpong (ping pong game with Genshin Impact characters), Apa Hayoo?! (vegetable and fruit sorting game).

Final Semester Project: Smart Irrigation App using Flutter & Firebase 🔗
- Developed a Flutter-based smart irrigation app connected to Firebase Realtime Database and ESP32   **May 2025 - Present** for real-time soil monitoring and pump control.

Certificates

Certificates Oracle Academy : Database Programming 🔗
Certificates Oracle Academy : Database Design 🔗
Certificates Belajar Dasar Pemrograman AI 🔗
Certificates Belajar Dasar Manajemen Proyek 🔗

Skills

Hard Skill:

- **Programming Language:** PHP, Javascript, Java, Pthon, C, C++, C#, Dart.

- **Framework Development:** Flutter, Laravel, Firebase, Bootstrap, jQuery, HTML, CSS,

- **UI/UX:** Figma

- **Game Engine:** Unity

- **Multimedia systems:** Capcut, Canva, Adobe Premiere Pro

- **Databases:** MySQL

- **Platform:** Virtual Machines (VM), Windows, Linux, Android

- **Project Management and Collaboration Tools:** Git, Discord, Word, Excel, Draw io

Soft Skills:

Leadership, analysis, critical thinking, adaptability, communication, and problem solving.