Muhammad Fardan Rashidi

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Key Skills

Programming: Java, Python, C#, C++, C, Golang, Bash

Mobile App Dev: Flutter, React Native, Android, iOS

Web Dev: HTML/CSS, JavaScript, PHP, TypeScript

Database: MySQL, SQLite, MongoDB, Firebase

Framework: Laravel, Pandas, Spring Boot, Django, Next.JS

CI/CD, Git, Docker, Agile Methodologies

Experience

Junior Web Developer – GOAT Collectibles

June 2024 – March 2025

Key Contributions:
- **ERP Development:** Designed and developed a robust ERP system for a client using the Frappe framework, adhering to industry best practices.
- **Full-Stack Programming:** Proficiently utilized Java, Python, HTML, CSS, and JavaScript to create and customize dynamic, responsive web applications.
- **Legacy Code Analysis:** Analyzed and interpreted legacy source code to implement efficient and scalable solutions in the new system.
- **Problem Solving:** Successfully debugged complex issues in both legacy and new codebases, ensuring seamless functionality.
- **Collaboration:** Worked closely with clients and team members to deliver a user-centric and feature-rich ERP solution.

Mobile App Developer – Micro Concept Tech

August 2023 – May 2024

Key Contributions:
- Developed a cross-platform mobile app using Flutter for both Android and iOS platforms.
- Designed and implemented an intuitive user interface for controlling the company's robot.
- Integrated Arduino programming to interface with and control the robot.
- Gained hands-on experience in electronics and mechanical engineering for robot assembly and maintenance.
- Successfully published the mobile app for widespread use.

Project

IOT Parking Lot Simulation

March 2022 – July 2022

- Collaborated with a team of five to create a comprehensive IoT-based parking lot simulation.
- Utilized various sensors to establish a fully functional parking lot model.
- Employed Arduino IDE for programming the Arduino UNO microcontroller.
- Leveraged Python on a Raspberry Pi as an edge server to process and relay data.
- Developed cloud-based functionality using C++ and integrated with Thingsboard.
- Implemented Telegram API to enable real-time notifications from the cloud server.

Education

INTI International College Subang

August 2021 - December 2023

Bachelors in Computer Science in Collaboration with Swinburne University
- Australian CGPA 2.7 / Malaysian CGPA 3.5

INTI Internation College Subang

August 2019 - August 2021

Diploma in IT
- CGPA 3.3