Muhammad Abdillah Dzikri

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Professional Summary

Detail-oriented and highly motivated Software Engineer with solid experience in mobile and web development using Flutter and React Native. Strong background in designing and implementing IoT solutions, managing projects, and collaborating with cross-functional teams. Passionate about technology, innovation, and developing user-friendly applications.

Experience

PT Sinergi Teknologi Solusindo — Software Engineer

Jul 2023 – Present

- • Developed mobile applications using Flutter to visualize port financial inflow and outflow data through interactive charts.
- • Built a Web-based CMMS (Computerized Maintenance Management System) for maintenance operations.
- • Designed and implemented IoT solutions to support port operational needs.
- • Published Flutter-based HR applications to the Play Store and App Store for client use.
- • Developed and published a mobile sales application for corporate clients.
- • Built a mobile-based ERP system using Flutter.
- • Developed a mobile-based DMS (Document Management System) using Flutter.

PT HPY Solusiutama Indonesia — Mobile Engineer

Feb 2023 – Apr 2023

- • Created a mobile e-commerce app called "Electronic Beautiful Voice" using Flutter.
- • Acted as Project Manager and UI/UX Designer for the app.
- • Wrote clean, testable, and maintainable code to ensure application reliability.
- • Developed APIs to support mobile platform functionality.
- • Collaborated with the marketing team to create promotional campaigns.

PT Laju Omega Digital — Junior Programmer

Oct 2022 – Dec 2022

- • Developed web-based systems and mobile applications according to client requirements.
- • Conducted quality assurance procedures to minimize bugs and errors.
- • Coordinated with project teams to ensure smooth development processes.

PT Lentera Bangsa Benderang (Remote) — Mobile Application Developer (Internship)

Feb 2022 – Jul 2022

- • Built a mobile e-commerce application using the React Native framework.

PT Indonesia Comnet Plus — Programmer (Internship)

Feb 2022 – Jul 2022

- • Designed and developed a mobile app for scanning and decoding barcodes to speed up inventory tracking.
- • Integrated ML Kit for barcode scanning, increasing accuracy and reducing manual data entry by up to 80%.
- • Enabled real-time data synchronization with the backend server using RESTful APIs.
- • Conducted usability testing and improved the interface based on field user feedback.
- • Deployed the app on Android devices used in operational areas (e.g., warehouses/logistics), boosting efficiency and traceability.

Freelance — Web and Mobile Developer

Feb 2022 – Apr 2022

- • Built a welding workshop sales system.
- • Developed a web-based tourism information system for Pariaman City.
- • Created a web-based car rental system.
- • Built a web and mobile attendance application for lecturers.
- • Developed a mobile donation app for goods distribution.

Education
Politeknik Negeri Padang

Associate Degree (Diploma III) in Information Technology

GPA: 3.41

Final Project: Developed an e-commerce mobile application using React Native.

Skills

Technical: Flutter, React Native, PHP, Java, JavaScript, Dart, Python, HTML, Database Programming, IoT, Networking

Managerial: Project Management, UI/UX Design, Troubleshooting, Library Design

Interests: App development, IoT technology, user interface design, and cross-platform programming