Zainal Salamun

Android & Flutter Developer

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01 PROFILE

I am an Android and Flutter Developer with over 7 years of experience in developing mobile applications. With a strong proficiency in Java, Kotlin, and Dart programming languages, I build efficient, responsive, and user-friendly applications. My experience spans the entire application development lifecycle, from design to implementation, testing, and maintenance.

My career, I have worked on various projects involving native Android and cross-platform apps using Flutter. I have expertise in integrating backend services via RESTful APIs and collaborating closely with design and backend teams to ensure applications meet the highest quality standards.

I am always committed to learning and staying updated with the latest technological developments to ensure the solutions I offer are innovative and meet market needs. With sharp analytical abilities and strong problem-solving skills, I am ready to tackle challenges and make significant contributions to your application development team.

02 EMPLOYMENT HISTORY

Nov 2016 — Mar 2021

Jakarta Selatan

Android Developer at PT. Buana Varia Komputama

- **Design and Build Advanced Android Applications:** Create innovative and high-performing applications for the Android platform, including specialized applications such as hospital reservation systems.
- **Collaborate with Cross-Functional Teams:** Work closely with teams across different functions, including project managers, to define, design, and deliver new features.
- **Integrate External Data Sources and APIs:** Seamlessly incorporate external data sources and APIs into the applications.
- **Conduct Comprehensive Unit Testing:** Ensure code robustness by performing extensive unit testing, covering edge cases, usability, and general reliability.
- **Focus on Bug Fixing and Performance Improvement:** Address bugs promptly and continuously enhance application performance.
- **Adopt and Implement New Technologies:** Stay updated with the latest technologies and integrate them to maximize development efficiency while maintaining code quality, organization, and automation.
- **Solo Android Developer Role:** Efficiently manage the entire Android development process as a single developer.

- **Deploy Across Environments:** Oversee the deployment of development, staging, and production environments. Upload Android apps to the Play Store.
- **Optimize and Maintain Codebase:** Regularly refine and improve the codebase to minimize boilerplate code and ensure maintainability.
- **Develop Hospital Reservation Applications:** Create applications for hospital use, allowing patients to make reservations, view doctor schedules, access reservation history, and display available hospital rooms.
- **Implement Firebase Remote Config:** Utilize Firebase Remote Config to update notifications from the Play Store.
- **Develop Using Java for Android Native:** Create high-performance native Android applications using Java, ensuring optimal performance and user experience.
- **Apply MVC Design Pattern:** Implement the Model-View-Controller (MVC) design pattern to organize and structure the codebase, promoting maintainability and scalability.

Apr 2021 — Present
JAKARTA

Flutter Developer at Binar Academy

- **Develop Mobile Applications with Flutter:** Create high-quality mobile applications for both iOS and Android platforms using Flutter.
- **Collaborate with UI/UX Team:** Work closely with the UI/UX team to ensure the application features an intuitive and user-friendly design.
- **Integrate with RESTful APIs:** Seamlessly connect applications with RESTful APIs and other backend services.
- **Perform Testing and Debugging:** Conduct thorough testing and debugging to ensure the application operates smoothly and is free from bugs.
- **Implement State Management:** Utilize Provider and Getx for effective state management within the application.
- **Develop Loyalty Applications:** Create applications that manage loyalty programs, allowing users to earn and redeem points.
- **Develop Point of Sale Applications:** Build POS (Point of Sale) applications to facilitate sales transactions and inventory management.
- **Develop QRIS Static Applications for OCBC:** Design and implement QRIS static applications for OCBC to support static QR code payments.
- **Utilize Firebase:** Incorporate Firebase for backend services, including Firebase app distribution.
- **Implement OneSignal Notifications:** Use OneSignal to provide push notifications, ensuring timely and relevant updates to users.
- **Deploy and Update Applications:** Deploy updates via Firebase Distribution and conduct testing through App Store TestFlight.
- **Implement SIT and UAT:** Implement System Integration Testing (SIT) to verify the interaction between integrated components and User Acceptance Testing (UAT) to ensure the application meets user requirements before deployment.
- **Implement Flavors for APK Builds:** Utilize Flutter flavors to build different variants of the application (e.g., development, staging, production) with specific configurations and behaviors.
- **Coordinate with Product Teams and PM:** Work closely with product teams and project management to align development efforts with product goals, timelines, and stakeholder expectations.

Flutter Developer (Freelance) at Jutive Group

- **Convert UI/UX Design into Flutter:** Transform comprehensive UI/UX designs into a fully functional mobile application using Flutter.
- **Attendance with Location and Face ID:** Implement features for attendance tracking using geolocation and Face ID authentication.
- **Face Detection and Face ID Login:** Integrate advanced face detection technology for secure login and authentication.
- **Comprehensive Features:Payslip Management:** Enable users to view and manage their payslips directly within the app.

  Reimbursement Requests: Allow users to submit and track reimbursement claims seamlessly.

  Leave Request Management: Provide functionalities for users to request and manage their leave applications.

  Timesheet Submission: Facilitate the submission of timesheets through the application.
- **Implement State Management with Getx:** Use Getx for efficient and reactive state management.
- **Utilize Key Libraries:Get Storage:** Manage local storage with the Get Storage library.

  Dio: Handle HTTP requests and responses using the Dio library.

  Geolocator: Access and use geolocation services.

  Camera: Integrate camera functionalities.

  Shared Preferences: Store and retrieve simple data persistently.

  Image Picker: Allow users to pick images from the gallery or capture new ones using the camera.
- **Deploy and Update Applications :** Deploy updates via Firebase Distribution and Deploy updates and conduct testing through App Store TestFlight

03 EDUCATION

Sep 2012 — Sep 2016

STMIK Akakom Yogyakarta

Bachelor of Computer Science, GPA 3,17

04 SKILLS

HTML & CSS	PHP
Git	MySQL
SQL	JavaScript
ReactJs	Kotlin
Node.js	Firebase
CSS	Flutter
Java Android	Dart

05 COURSES

Nov 2022 — May 2023

Product Management at Binar Academy

Nov 2023 — May 2024 **Fullstack Web Developer at Binar Academy**

Sep 2019 **Memulai Pemrograman dengan Kotlin at Dicoding**

Sep 2019 **Belajar Membuat Aplikasi Android untuk Pemula at Dicoding**

Apr 2020 **Memulai Pemrograman dengan Swift at Dicoding**

May 2021 **Android Developer Program Profesional Academy at Digital Talent Scholarship**

May 2021 **Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) at Dicoding**

May 2021 **Belajar Dasar Pemrograman Javascript at Dicoding**

Jan 2022 **Memulai Pemrograman dengan Dart at Dicoding**

Jan 2022 **Belajar Membuat Aplikasi Flutter untuk Pemula at Dicoding**

Aug 2022 **Belajar Prinsip Pemrograman SOLID at Dicoding**

Oct 2021 **Full-Stack Laravel Flutter: E-Commerce App, Oct 2021 at Build With Angga**

Aug 2021 **Mastering Android Development: Aplikasi Tiket Travel at Build With Angga**

Jun 2021 **Dart & Flutter Development Bootcamp: Find House App at Build With Angga**

06 INTERNSHIPS

Sep 2023 — Oct 2024 **Product Manager at Jago Flutter**

JAKARTA

- Collaborated with the team, creating and designing the product to be developed.
- Planned and set the project timeline.
- Discussed with the development team and updated sprint planning weekly.
- Presented the final project.

07 LANGUAGES

Engglish ● ● ● ○ ○

08 HOBBIES

Futsal, Football, Running, Traveling

09 RESUME

Portofolio

https://portfolio-zainalsalamun.vercel.app

GitHub

https://github.com/zainalsalamun