Zainal Salamun

Android & Flutter Developer

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LINKS: linkedin, GitHub, Portfolio-, Certificate, Resume, Instagram

01 PROFILE

With over seven years of expertise in the IT consulting sector, I am a seasoned Android Developer and Flutter enthusiast, boasting robust programming and problem-solving skills. My passion lies in applying SOLID principles, streamlining the development process, and enhancing code maintainability while minimizing unnecessary complexities. Whether it's crafting an Android app from the ground up or refining the architecture for improved sustainability, my capabilities ensure the delivery of top-tier, maintainable solutions.

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 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.
- **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.

Flutter Developer at Binar Academy

Apr 2021 — Present
JAKARTA

- **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 real-time database, authentication, and analytics.
- **Implement OneSignal Notifications:** Use OneSignal to provide push notifications, ensuring timely and relevant updates to users.

Flutter Developer (Freelance) at Jutive Group

Nov 2023 — May 2024
Singapore

- **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.

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