Yanal Alshmalan

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Summary

Experienced **Senior Software Engineer** with 5+ years in **mobile and web development**, skilled in **Kotlin, Swift, React Native, Flutter, React, and Node.js**. Adept at modernizing legacy systems, optimizing performance, and implementing scalable architectures. Proven track record of **leading teams** and delivering **secure, user-focused solutions** that improve engagement, reduce costs, and accelerate business growth.

PROFESSIONAL EXPERIENCE

MyHome, Kuwait City, Kuwait (Remote)   Jun 2023 – Present

Senior Software Engineer
- Assumed full ownership of undocumented vendor Android and iOS codebases, rapidly setting up development environments and implementing best practices, which reduced developer onboarding from weeks to days.
- Maintained and enhanced Android, iOS, and Angular codebases, delivering new features and refactoring 30% legacy code to use Jetpack Compose and SwiftUI.
- Led the upgrade of core technologies (Kotlin, Gradle, AGP), improving code quality and enabling faster development of new features by reducing build times by 35%.
- Implemented high-impact features including deep linking, expired credits notifications, and a MyHome Plus subscription model, enhancing user retention and generating new recurring revenue streams.
- Integrated real-time customer–technician chat and audio calls using CometChat, leading the research, selection, and implementation of the third-party service, which improved service resolution speed by 20%.
- Implemented end-to-end encryption for chat using Virgil, ensuring compliance with security regulations and safeguarding sensitive customer data, reducing potential data breach risk.
- Developed technician-focused features, including home visit scheduling and custom invoice creation, reducing administrative workload by 30% and enabling faster service delivery.
- Streamlined user payments by consolidating scattered unpaid invoices and integrating Apple Pay, Google Pay, and Huawei payment services, reducing payment friction and increasing successful transactions by 20%.
- Introduced Sentry for bug tracking and automated deployments, resulting in improved app stability leading to a 60% reduction in crash reports within the first quarter and faster release cycles.
- Mentored and led a mobile team of three, conducting code reviews, pair programming, and knowledge-sharing sessions.

Give KWT, Kuwait City, Kuwait (Remote - Part-time)   Apr 2024 – Oct 2025

Lead Software Engineer
- Developed and launched a blood donation feature, enabling seamless donor registration and appointment scheduling, which increased donor engagement.
- Upgraded core React Native dependencies to the latest stable versions and introduced over-the-air updates, reducing release cycles from days to hours.
- Increased automated test coverage from none to 60%.
- Led a full app redesign, improving UI/UX consistency and boosting user satisfaction ratings.

Coded, Kuwait City, Kuwait (Remote)   Sep 2021 – Jul 2023

FullStack Developer (Feb 2022 – Jul 2023)
- Led the end-to-end development of 6 projects, encompassing both mobile and web applications.
- Built a content management solution using StrapiJS dynamic zones and NextJS, enabling the marketing team to update all landing pages without coding, cutting content update time by 80% and increasing campaign launch speed.

Education content creator (Sep 2021 – Jul 2023)
- Delivered personalized instruction to 10+ students per week, boosting student confidence and resulting in a 100% participation rate in optional coding challenges during the semesters.
- Created, refined, and evaluated educational materials, coursework, and documentation for Express, Flutter, Dart and Flutter, improving learning effectiveness and student comprehension.
- Coached 5 staff members through a rigorous intensive 2-week training program covering Dart and Flutter frameworks, preparing them to teach these concepts to future coding bootcamp cohorts.
- Built and deployed Discord bots to assist teachers and students, automating routine tasks and enhancing classroom communication efficiency.

EDUCATION

Jordan University of Science and Technology, Amman, Jordan   Jun 2021
Bachelor's degree in Computer Science

SKILLS

Mobile Development: Android Development, iOS Development, Swift, Kotlin, Jetpack Compose, SwiftUI, React Native, Flutter, Dart, Mobile Architecture (MVVM, MVC)
Web Development: JavaScript, TypeScript, Angular, React, Node.js, Express.js, RESTful APIs, GraphQL, NextJS
DevOps: CI/CD, Automated Deployments, Docker
Databases: SQL, NoSQL, MongoDB, PostgreSQL, Firebase
Tools & Technologies: Git, npm, yarn, Webpack, Babel, Sentry, Crash Reporting