Obaida AL Mostarihi in ○

Senior Android Developer & Founder

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Profile Summary

- Accomplished Software Engineer with extensive experience delivering highly visible and complex projects such as digital healthcare platforms and AI systems within fast-paced environments.
- Talented Android Developer with expertise in programming languages (Java, Kotlin, Swift), frameworks & libraries (Room, Retrofit, Jetpack Compose), databases (SQLite, MongoDB, Firebase), and modern development tools.
- Engaged collaborator with strong interpersonal skills, able to influence and align multiple teams with conflicting priorities to drive progress under aggressive time constraints.
- Able to effectively navigate ambiguity, complexity and change when stakes and pressure are high, and lead without authority to overcome obstacles and ensure delivery.

Technical Skills

Programming Languages: Java, Kotlin, Swift, JavaScript, Python, C, C#, XML, JSON
Frameworks & Libraries: Room, Retrofit, Hilt & Dagger, Gradle, Kotlin Coroutines, RxJava, Jetpack Compose
Databases: SQLite, MongoDB, Firebase
Dev Tools: VS Code, Node.js, Git, Android Studio, XCode, Vim, Unit Testing
Concepts: MVVM, MVP, RESTful APIs

Professional Experience

Dracode ⬈ Founder   Dubai, UAE Jan. 2019 - Present

- Established and led a software house by designing and delivering complex solutions for a wide range of clients operating within a wide range of industries, including Healthcare and Ecommerce. Responsible for driving company vision, technology strategy, and innovation and overall operational management.
- Delivered TeleTabeb, a pioneering platform in the healthcare industry, specializing in digital solutions for accessible medical advice, successfully reaching over 80 certified doctors and more than 5000 patients.
- Recruited and built a dynamic team, managing 6 employees, while implementing efficient organizational structures, standard operating procedures, and agile software development methodologies to foster a collaborative and productive work environment.
- Led the development of VoxAI, an AI system similar to ChatGPT, employing SwiftUI and KTOR in addition to LLMs, resulting in intelligent natural language interactions and achieving a 70% improvement in customer retention rate.
- Developed the backend for the application "Solvish" using Python, and OpenAI Vision API, successfully integrated RevenueCat and Firebase.
- Created a revolutionary AI PDF document reader within VoxAI, utilizing KTOR, Lang torch, and Pinecone, allowing users to extract information effortlessly, and boosting document processing efficiency by 95%.
- Applied a multi-modal approach in technology implementation, combining various cutting-edge technologies, thereby improving overall efficiency and productivity in delivering digital healthcare solutions.
- Designed and implemented efficient tests using industry-leading testing tools and frameworks such as JUnit, Espresso, Mockito, Robolectric, and MockK, achieving a 90% test coverage and minimizing bug escape rate.
- Engaged in continuous learning and professional development, staying abreast of emerging technologies and industry trends, ensuring the incorporation of cutting-edge tools and techniques in the development process.

SevenApps ⬈ Android Development Team Lead   Istanbul, Turkey Jan. 2022 - Aug. 2023

- Led and mentored a team of 3 developers in the Android team, fostering a collaborative environment and promoting continuous learning and professional growth, while ensuring the delivery of intuitive user experiences in collaboration with design and product teams.
- Provided technical leadership and expertise in Android app development, guiding the team through complex technical challenges and ensuring adherence to best practices in software engineering.
- Managed software projects efficiently, ensuring timely delivery by accommodating timelines, allocating appropriate resources, selecting the right technologies and tools, and monitoring project progress to align with strategic objectives.
- Worked in close unison with Design and Product teams, the focal objective yields optimized and instinctive user experiences, leveraging data insights, technical prowess and creative acumen.
- Developed "Photic," an AI photo generator, using TensorFlow Lite, Kotlin, and Retrofit, with a focus on decrypting TensorFlow models and backend AI processing, resulting in a significant boost in user acquisition.
- Implemented the 'Banger' application using Kotlin and the Groupie library, which included features such as a proprietary image cache system, a media player to play songs and videos after getting the response, and a notification system with a super easy UI and great UX, resulting in over 500,000 downloads.

- Directed the integration of Artificial Intelligence into 3 applications using Kotlin, Java, TensorFlow lite, and NodeJS, utilizing problem-solving skills to deliver functionalities such as seamless animations, cropping and editing pictures, and removing background from images using TensorFlow lite.
- Implemented a custom browser for VPN applications on iOS using Swift, and developed a toolkit utilizing Java, Kotlin, and Gradle, integrated into all Android applications to streamline library implementation.
- Led the implementation of CI/CD for Android apps, enhancing app publishing efficiency for testers and production with Jenkins.

Bitthink ⬈ [Android Developer](#)   **London, UK** Jan. 2021 - Aug. 2023

- Contributed to a software development firm, working on prominent applications like ICC and VirginMoney using advanced tech stack including Java, Kotlin, Custom Views, Jetpack Compose, and Backend Widgets, while ensuring optimal app stability and complying with Android standards
- Collaborated within a pluridisciplinary team including Design and Product, maintaining a close communication and asking calibrated questions to remove bottlenecks and ensure the delivery of smooth user experiences.
- Enhanced and streamlined Android applications using Java, Kotlin, and Firebase, with a significant impact on popular applications such as ICC and VirginMoney, resulting in a 60% improvement in throughput.
- Led the enhancement of ICC app's real-time data transfer using custom libraries and developed an innovative budgeting tool for VirginMoney leading to a 25% surge in user adoption rates.

Projects Experience

VoxAI ⬈   Apr. 2023 - Jun. 2023

- Implemented an interactive app using SwiftUI, KTOR, NodeJS, MongoDB, and Firebase, featuring voice chat, AI engine, PDF information, and mood mode, achieving optimal system throughput.

TeleTabeb ⬈   Nov. 2021 - Feb. 2022

- Developed a multi-module healthcare app using Kotlin, Java, Firebase, and Litho, enabling patients to securely manage personal and adjustable medical records, achieving a rapid data retrieval time.

Solvish ⬈ ⬈   Nov. 2023 - Dec. 2023

- Led the development of the Solvish mobile app using Kotlin, SwiftUI, and Firebase, integrating OpenAI Vision and Google Gemini with Python for an enhanced, intuitive academic problem-solving experience.