

**Hayes Ahmed**

**Full Stack Mobile Developer / Software Architect**

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Highly motivated and adaptable Senior Full Stack Mobile Developer with 8 years of extensive experience in the mobile development industry. Proficient in leveraging the full spectrum of mobile technologies, including Android and iOS platforms, to create innovative and high-performing applications. Proven track record of leading successful projects from inception to deployment, with a focus on delivering scalable and efficient solutions. Skilled in integrating cutting-edge features such as machine learning and data analytics to enhance application functionality. Experienced in developing a variety of mobile applications across different domains, including waste management, laboratory information systems, and music streaming platforms. Adept at utilizing a wide range of mobile development tools and frameworks, including Android SDK, Java, Kotlin, Swift, React Native, and Xamarin, to deliver robust and user-friendly mobile experiences.

## **Work History**

**2022-10 - Current**

**Lead Mobile Architect**

**Independent Contractor**

Architectural Design and Development: Lead the design and development efforts for mobile applications, ensuring adherence to best practices, scalability, and performance optimization.

Technology Selection and Stack Definition: Evaluate project requirements and select appropriate technologies and frameworks to build robust mobile solutions. Define the tech stack considering factors such as platform compatibility, user experience, and project goals.

Hands-on Development: Actively engage in coding and development tasks, providing technical expertise and guidance to the development team. Develop core components and features, leveraging mobile development frameworks and programming languages.

Client Communication and Stakeholder Management: Serve as the primary point of contact for clients, communicating project progress, addressing concerns, and ensuring alignment with project goals and expectations. Manage stakeholder relationships and facilitate project planning and prioritization discussions.

**2019-05 - 2022-09**

**Senior iOS/Android Developer:**

**Remotebase**

Cross-Platform Mobile Development: Led the development of high-quality mobile applications for both iOS and Android platforms, ensuring consistency and optimal performance across devices.

Feature Development and Enhancement: Collaborated closely with product managers and designers to translate requirements into functional features, contributing to the enhancement of user experience and app functionalities.

Codebase Maintenance and Refactoring: Played a key role in maintaining and refactoring the codebase to improve scalability, code readability, and maintainability, resulting in more efficient development cycles.

API Integration and Data Management: Integrated APIs and backend services into mobile applications, ensuring seamless data flow and synchronization with server-side systems.

Performance Optimization: Implemented performance optimization techniques, including memory management, network optimization, and UI rendering optimizations, to enhance app responsiveness and overall user satisfaction.

**2015-06 - 2019-04**

**Mobile Application Architect**

**Urban Planning**

Led the architectural design and development of innovative mobile applications, ensuring alignment with business objectives and scalability for future growth.

Collaborated closely with cross-functional teams to translate business requirements into technical solutions, fostering seamless communication and alignment throughout the development lifecycle.

Spearheaded the implementation of cutting-edge mobile technologies and best practices to optimize application performance, usability, and security.

Provided technical leadership and mentorship to the development team, fostering a culture of innovation, collaboration, and continuous learning.

Played a key role in defining and enforcing coding standards, architectural guidelines, and development processes to streamline workflows and enhance productivity.

Actively participated in project planning, estimation, and resource allocation, ensuring timely delivery of high-quality mobile solutions within budget constraints.

## **Skills**

Proficient in Java, Kotlin, Swift for Android and iOS development.

Expertise in using Android SDK and iOS SDK for mobile application development.

Strong experience in developing RESTful APIs for web services.

Skilled in using Hibernate and Core Data for ORM purposes.

Knowledge of Microservices Architecture, including containerization with Docker and orchestration with Kubernetes.

Experience in working with relational databases such as MySQL and Oracle, as well as NoSQL databases like MongoDB, Cassandra, and PostgreSQL.

Proficiency in using Apache Kafka for building real-time data pipelines and streaming applications.

Experience with machine learning libraries such as Apache Mahout and Deeplearning4j.

Proficiency in using Elasticsearch for data indexing and search.

Experience in using Redis Cache for implementing efficient caching techniques.

## **Education**

**2011-09 - 2015-05**

**Bachelor of Science**

**Comsats**