

# Aneeq Ur Rahman, Mohammed

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## SUMMARY

Results-driven Mobile Developer with over three years of experience in developing high-performance Android and iOS applications using Flutter, Kotlin, and Java. Expertise in cross-platform app development, UI/UX design, and cloud technologies, with a strong focus on improving user experience and system reliability. Proven track record in delivering robust solutions for educational and financial sectors, enhancing app performance and optimizing workflows. Adept at leveraging modern development frameworks, cloud platforms, and DevOps methodologies to drive continuous improvement and achieve project goals efficiently. Recent MS in Computer Systems and Engineering graduate with a specialization in Cloud Computing.

## TECHNICAL SKILLS

<b>Mobile Development (Android and iOS):</b>	Flutter (Dart), Kotlin, Java, JavaScript Android SDK, MVVM, Retrofit, Room, Dagger2, Kotlin Coroutines, Bloc, Riverpod, Provider, Swift, iOS SDK, CoreData, XCTest, XCUITest, GetX, Bloc
<b>Testing and Design:</b>	Flutter Driver, JUnit SIT, UAT, Gradle, Espresso, UI Automator, GraphQL, Mockito, UX/UI Design
<b>Cloud Technologies:</b>	Firebase (Firestore, Authentication, Cloud Functions, Storage), AWS (S3, Lambda, DynamoDB), Google Cloud Platform (Cloud Storage, Compute Engine), Microsoft (SQL, Mongo DB), Docker, Kubernetes, CI/CD (Jenkins, GitLab CI), Terraform, Figma
<b>Methodologies:</b>	POS Workflow, PCI standards Scrum, Agile, Kanban, DevOps, TDD, FDD.

## WORK EXPERIENCE

**Flutter Developer and Instructional Assistant | University of Houston | (Flutter, Dart, Flutter Driver, JUnit)** Nov 2022-May 2024

- Developed 3 cross-platform apps using **Flutter, Kotlin, and Firebase**, improving learning for 200+ students with **MVVM, Room, and Retrofit**.
- Led 25+ lab sessions on **Android, iOS and Flutter**, enhancing student skills by 35% in **UI/UX, state management with Provider, and Kotlin Coroutines**.
- Built and tested a custom lab app with **Flutter and Firebase**, increasing assignment submissions by 40% and on-time completion by 20%, using **Flutter Driver and JUnit** for testing.

**Application Development Analyst | Tata Consultancy Services | (Java, Spring, Hibernate, Selenium, CI/CD)** Jun 2021–Aug 2022

- Spearheaded and maintained **Java and Flutter** applications for UK financial clients, impacting 5 major banking systems using the **Temenos Transact Core Banking platform**.
- Enhanced application performance and reliability by implementing automated testing (**Selenium**) within the **CI/CD** pipeline, integrating **Flutter** for cross-platform deployment, reducing deployment time by 40%, and improving system uptime by 25%.

**Android Development Engineer Intern | Zluri Pvt Ltd | (Kotlin, Coroutines, Android SDK, UI/UX, Firebase)** May 2020–Jun 2021

- Developed and maintained the Zluri Manager app using **Kotlin, Java, Android SDK, MVVM** architecture, **Retrofit, Room, SQLite, Dagger2, Kotlin Coroutines, and Firebase**.
- Conducted testing and debugging with **SIT, UAT, Gradle, Espresso, and UI Automator**, enhancing stability by 30%, and utilized **GraphQL** for efficient data fetching and dynamic UI updates.
- Collaborated to **UX/UI** design for intuitive user interactions and participated in code reviews to improve code quality.

## EDUCATION

**MS in Computer Systems and Engineering | University of Houston | GPA: 3.9/4** Houston, TX

Coursework: Cloud Computing, Big Data Analytics, Data & Info Visualization, Cybersecurity, Adv. Comp Architect. May 2024

**BE in Electronics and Communication | Osmania University | GPA: 8.7/10** Hyd, India

Coursework: Object Oriented Programming using Java, Electronic Devices, Computer Organization & Architecture July 2021

## PROJECTS

**Connectify - Social Network and Event Scheduling App | Flutter (Dart), Firebase Firestore, Cloud Functions, Google Maps API**

- Built a social app using **Flutter (Dart)**, enabling users to connect with friends, view profiles, and share updates. **Integrated Firebase Firestore** for real-time data sync and **Firebase Authentication** for secure login, using **Bloc** for state management.
- Developed event creation features with calendar support, integrating **Google Maps API** and **Geolocator** for location-based planning.
- Implemented a "Memories" section for revisiting past events, utilizing **Cloud Functions** and **Provider** for efficient backend processing and UI updates.
- Enhanced app performance with **Flutter's Slivers** for efficient scrolling and **Dio** for robust network requests, improving responsiveness by 20%.

**Meat2Home-Android Application | Kotlin, Android Studio, Git, Google Firebase, PayPal Sandbox.**

- Developed the e-commerce app **Meat2Home** using **Kotlin, Android SDK**, and **MVVM**, achieving over 50 downloads.
- Implemented advanced features with **Room Database** and **SQLite**, leveraging **Firebase** for real-time data synchronization.
- Integrated **PayPal Sandbox** via **REST API** for secure payment processing, handling over 100+ orders, and ensuring efficient data exchange with **Retrofit** and **Kotlin Coroutines**.
- Tested with **JUnit, Espresso, and UI Automator**, for iterative development and continuous integration using **Git** and **Gradle**.