HAMZA AHMED QURESHI

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Summary

- Proficient in writing code in Java, Kotlin, Node.js and other languages as well as practiced in using Amazon Web Service, Firebase and other latest frameworks and libraries
- Three years of android development experience through development of multiple applications
- Skilled in writing generic and expandable code and bridging the gap between web and android applications through development of REST APIs
- Experienced team player and a leader utilizing collaboration, cooperation and leadership skills acquired while working in different environments of startup, industry and entrepreneurship.

Technical Skills

Languages & Frameworks used:

In depth:	Java, Android SDK, Node.js, Amazon Web Services, Firebase, JavaScript, JUnit testing, Espresso
As a hobby:	CodeIgniter, Magento, OpenGL, React Native, Jekyll

Platforms:	Android, Web, Windows, Linux
Software and IDEs:	Intellij Idea, Android Studio, Eclipse, Webstorm, Microsoft Visual Studio
Databases used:	Firebase Realtime Database, Firebase Firestore, MySQL, SQLite, Oracle DB, Redis
Version Control:	Git, Gitlab, SourceTree, Android Studio version control
SDLC:	Agile Development, Test Driven Development (TDD), Scrum, Object Oriented Programming
Security:	OAuth, OAuth2, Kerberos, SSL, Android keystore
Design patterns:	MVC, MVVM

Professional Experience

Full stack android developer, *teaBOT inc.*   *Feb 2017 – Present*

- Lead the teaBOT kiosk application and build new features for it
- Enhanced the teaBOT backend Node.js Api and added new endpoints
- Wrote manageable and scalable code for both static and dynamic views rendering
- Created static and dynamic functional components from start to end
- Supported multiple screen sizes including 15inch tablets
- Directly managed interns working on the Android application
- **Projects:**
  - **teaBOT Android Kiosk Application**
    - An Android based kiosk interface for ordering customized tea from the teaBOT kiosk. Kiosks are active at more than 50 locations in North America
  - **teaBOT Web REST Api**
    - A Node.js REST endpoint API for the Android kiosk application
- **Languages and frameworks learned and used:**
  - Java, Android, Kotlin, Node.js, Amazon Web Services, Firebase

Contract Android Developer, *Universal Data Processing Inc, Canada*   *May 2016 – Jan 2017*

- Built association with Universal Data Processing and developed multiple applications for them
- Developed and shipped three successful android applications using Agile Development
- **Projects:**
  - **LaundroM8**

- A laundry service solution which seeks to reduce the hassle of doing laundry by bringing laundry places on a portal
  - o **RareForm**
    - An interface created for a doctor through which he can communicate with his patients. Patients can subscribe to possible different tier memberships
- **Languages and frameworks learned and used:**
  - Java, Android Studio, Open source libraries, JUnit, MVC framework and SQLite Databases

Web and Android Developer, *Centegy Technologies Pvt. Ltd*, Pakistan   *June 2015 – May 2016*

- Worked on multiple enterprise level Java (Android and web) applications using Agile and Test Driven Development (TDD)
- Worked on enhancement of live applications.
- **Projects:**
  - o **ILAS (Individual life assurance system) – Android**
    - Solely created the whole REST API from scratch to migrate the ILAS web application (see below) to android devices.
    - Upgraded the backend service so the same Models and Controllers can serve both the web application views and Android application views (through REST API endpoints)
    - Created the application in a team of two within a short time frame of 3 months considering the huge size of application.
- **Languages, frameworks and databases used:**
  - Java, Android SDK, Java SDK, REST API, MVC framework, HttpServlets, JavaScript, JQuery, JSTL, JSP, Scriptlets HTML, CSS, JSON, XML, Google Maps API, Volley API, external APIs, payment gateway, Oracle DB, SQL Server, SQLite, MySQL, JUnit

Co-Founder, Android and Web Developer, *Lookout360*, Pakistan   *Oct 2013 – May 2015*

- Web and mobile civic application inspired from the idea of neighborhood watch provides a simple interface to the public for reporting instances of crime.
- Lookout360 was conceived during Hackathon 2013 hosted by MIT Enterprise Forum and won the best startup award along with $3000 seed funding.
- Designed the web application – backend and partial frontend - from scratch, secured partnerships with NGOs and integrated with rescue services to allow immediate action on the crime reports.

Education

B.S. Computer Science   *August 2011 – May 2015*
- Lahore University of Management Sciences (**LUMS**), Pakistan

Non – Technical Skills

- Intellectual Curiosity, Persistence
- Openness to new experiences and technologies
- Project Management and leadership
- Film making and Photo Editing
- 5+ year experience in graphic designing in Photoshop

- Trekking and exploration
- Visit hamza1592.github.io for a more detailed CV