Shaheer Muzammil

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Linkedin | Github | Portfolio

Employment

Senior Mobile Engineer	**Mobiquity B.V.**	**December 2022 - Present**
Lead Software Engineer - Android	**Vyro AI**	**December 2021 - October 2022**
Senior Software Engineer - Android	**Vyro AI**	**February 2021 - December 2021**

An App development company with several photo editing applications in its arsenal.

- Led the software design and development of PhotoShot which has, since its inception in June 2021, accumulated more than a million downloads, an average rating of 4.5, and has been on top charts in the photography category.
- Led the software design and development of Phototune which in a short time after its release is seeing unprecedented growth with 100000+ downloads, and topping the charts in new apps in the photography category.
- And my responsibilities were;
  - To ensure the application development is being done to the highest standards of quality.
  - To plan, with the project owner and product manager and coordinate, among teams, on new feature implementation, contribute to feature development wherever needed, and ensure timely delivery.
  - Keep a lookout for new libraries, technologies, and tools that can help optimize the application experience.

Senior Software Engineer - Android	**Nextbridge**	**July 2020 - February 2021**

A software house that has been providing software services to thousands of customers worldwide since 1996.

- Led the software design and development of the Android application of an upcoming social/workplace app called Beremote/Reteam that aims to bring the social aspect of offices to your remote environment.

Android Engineer	**Teamo (Client: Neon Screens)**	**Dec 2018 - Feb 2020**

Neon Screen(Formally known as Surf) placed high-quality interactive tablets in ride-share cars for the entertainment of passengers, and the promotion of businesses, brands & media creators.

- Led the design, development, and implementation of the at-scale version of the Surf application, which allowed the company to scale to 3M+ riders per month. And Engaged with industry leaders such as Paramount Pictures, Vevo, and iHeartRadio, and integrated Surf's Android app with their platforms.
- Implemented advertising standards parsing engine in Surf to add VAST/VMAP support to Ad servers.
- Contributed to the company's brand expansion by working on the company's Auto and TV Banner applications.

Android Engineer		**June 2016 - November 2018**

Worked in multiple software houses right after graduation where the following were my responsibilities;

- Designed, developed, and implemented multiple telecom-centric and location-centric applications like Vesta Audit which was later on sold to MTN Nigeria while working for Enablers Inc.
- Revamped a home security client's applications to multi-flavor, multilingual applications including features like VOIP calls, VOIP to phone calls, remote building door unlocking and Building DVR Video streaming.
- Learned iOS development and delivered a line survey automation application in iOS and Android, within 3 months for a company's client, on map path plotting and tracking, with features like offline map storage using Mapbox.

Languages, Patterns & Technologies

Languages: Java, Kotlin, Dart & Javascript **Frameworks:** Android & Flutter
Architectures: Clean Architecture, MVVM, MVP
Technologies & Libraries: Coroutines, Dagger2/Hilt, ReactiveX, Retrofit, Exoplayer, FCM, Firebase Runtime Database, Firebase Remote Configs, Android Navigation, Room, Databinding, Paging, Fused Location Provider and Location Manager, Mapbox, GeoFencing, GeoFire, Diffutils, Job Schedulers/Work Manager, VAST/VMAP/VPAID Ad Formats, Segment Analytics, Twilio, A/B testing, **Testing:** JUnit, Espresso, Androidx Test Component, Mockito/Mockk
Management Tools: GIT, Github, Bitbucket, Jira, Confluence, Azure DevOps

Education

Islamabad, Pakistan	**National University of Sciences & Technology**	**Sept 2012 - June 2016**

- Bachelors in Software Engineering
- Coursework: OOP, Data Structures & Algorithms, Database, Networks, Comp. Architecture, Software Design & Architecture, Software Requirement Engineering, Software Quality Engineering, Software Project Management