Shaheer Muzammil

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Linkedin | **Github** | **Portfolio**

Employment

Senior Software Engineer - Android **Vyro AI** **February 2021 - Present**
An App development company that builds quality photo editing applications with millions of downloads on App stores.
● Leading the software design and development of Vyro's upcoming photo editing application.

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.
● Leading 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.

Lead Android Engineer **Surf** **Nov 2018 - June 2020**
Surf places 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 Surf V3, 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.
● Designed Surf's architecture to dynamically support multiple content types (videos, websites, advertisements, etc.) with the ability to target relevant content to riders in real-time using their location.
● Implemented advertising standards parsing engine in Surf to add VAST/VMAP support to Ad servers.
● Enabled real-time data visualization in Surf dashboards by integrating live analytics reporting using Segment.
● Contributed to the company's brand expansion by working on the company's Auto and TV Banner applications.

Lead Android Engineer **Xeeonix Technologies** **Nov 2017 - Nov 2018**
A Software development company, that provided multi-platform applications, efficiently and effectively. The company closed in early 2019 and subsequently the website was taken down.
● Lead the development of all company's android applications, like iDictate and Quicktate along with complete revamp of their home security client's applications updating it to modern technologies and combining them into a single multi-flavor application significantly reducing the project codebase.

Android Engineer **Enablers Inc.** **June 2016 - Oct 2017**
Enablers Inc. is an advanced technology provider, delivering enhanced solutions to leading communications providers.
● Designed, developed, and implemented Vesta Audit which was later on sold to MTN Nigeria.
● Developed multiple company applications like Customer Insight i.e. Mobile Network performance reporting application that monitors the Telecom service Provider's customer's mobile network experience.

Languages, Patterns & Technologies

Languages: Java, Kotlin & Javascript **Architectures:** Clean Architecture, MVVM, MVP
Technologies & Libraries: RxJava2, Dagger2/Hilt, Coroutines, 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 **Testing:** JUnit, Espresso, Androidx Test Component & Mockito
Management Tools: GIT, Bitbucket, Jira, Confluence

Education

Islamabad, Pakistan **National University of Sciences & Technology** **Sept 2012 - June 2016**
● Bachelors in Software Engineering
● Undergraduate Coursework: OOP, Data Structures & Algorithms, Databases, Computer Networks, Comp. Architecture, Software Design & Architecture, Software Requirement Engineering, Software Quality Engineering, Software Project Management