

## Employment

### Senior Software Engineer

[Mobiquity B.V.](#)

December 2022 - Present

- Main Contributor to the mobile development needs of the client's, Saudia Technic, project that is now catering to the needs of all the organization's employees
- Added Flutter competence to Mobiquity by learning and delivering mobile applications developed in Flutter for in-house and client projects.

### 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](#) and [Phototune](#) which have, since its inception in June 2021, accumulated more than 10 million downloads, and has been on top charts in the photography category.
- And my responsibilities were;
  - Ensure highest standards of quality by embodying and inculcating clean software design in our team's work.
  - 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

- 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(Formerly 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 [Enablers Inc.](#), XeenocTechnologies and [SPS](#) 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 at [SPS](#)

## Languages, Patterns & Technologies

**Languages:** Java, Kotlin, Dart **Frameworks:** Android & Flutter

**Architectures:** Modular application using Clean Architecture principles and MVVM

**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: Software Design & Architecture, Software Requirement Engineering, Software Quality Engineering, Software Project Management, OOP, Data Structures & Algorithms, Database, Networks, Comp. Architecture