

EMPLOYMENT

Android Developer **Provab Technosoft Pvt. Ltd** **June 2022 - Present**

Template App / Raw Engineering:

- Integrated **media3 Exoplayer** for Tune-In feature.
- Worked on an internal SDK, and made a common reusable SDK for all the applications.
- Designed and developed a fresh app for the team, worked on custom android components, **live game feature**, team section, and multiple statistics for large user base.
- Technologies used: Kotlin, Java, Kotlin coroutines, RxJava, MVVM, **Jetpack compose**, Retrofit, Hilt, Mockito.

San Antonio Spurs / Raw Engineering:

- Built an app for an official NBA team, spurs.
- Worked on custom android components, **live game feature**, team section, and multiple statistics for large user base. Integrated third-party libraries.
- Integrated **REST APIs** & increased productivity by migrating to Kotlin.

Chicago bulls / Raw Engineering:

- Created multiple reusable custom android components. Implemented **CI/CD pipelines** to automate builds.
- UI Designing of each component.
- Implemented fully dynamic **stories feature** for better user engagement.
- Worked on MVVM architecture with RxJava on every app, used Kotlin/Java.

Android Developer **HiCare Services Pvt. Ltd** **June 2021 – June 2022**

HiCare Technician App:

- I am responsible for designing, creating and maintaining the core product of the organization.
- Fixed bugs and improved application **performance by 30%** using kotlin coroutines.
- Implemented MVVM architecture with Livedata in the existing app.
- The app is used concurrently by more than thousands of technicians on a daily basis.

HiCare Invoice Tracker:

- **Reduced the crash rate** of the app by **54%** and introduced material design.
- Dynamically designed the recyclerview with multiple components. Written Unit Tests.

Software Engineer - Android **Technokraft Innovations Pvt Ltd** **July 2020 – May 2021**

UrHealth:

- I am responsible for designing and creating the organization product
- Implemented nearby search feature by integrating google API, also implemented various health & fitness features.
- Built a backend using PHP to store user details in the MySQL database.
- Integrated **Exoplayer2** for seamless video streaming for educating users on Health related things.

Kraftiver:

- Built app for tracking In-house projects, tasks and employees.
- It also has a web-app for admin to allocate tasks, projects and perform various operations.
- Integrated **Dagger2** for dependency injection.

GIS Analyst - Intern **Here Technologies** **June 2019 - July 2019**

- Completed a project on navigation mapping using HERE Map creator tool under the guidance of Mr. Abhiram Athavale.
- Contributed and created various roads on the map which is integrated to the live map.
- Managed a team of 20, rigorously taken updates from each team member, and passed them to the head, also helped team by fixing various technical issues.

- Delivered the project on time with extra mapping of the roads.

Technical Skills

- **Programming Languages:** Kotlin, Java, Python, JavaScript, Node.js, C;
- **Tools and Technologies:** Android Studio, IntelliJ IDEA, GitHub, Git.
- **Operating Systems:** Linux, Windows, Mac OS.
- **Database:** MySQL, NoSQL.
- **Designing:** Figma.

EDUCATION

M.Sc Information Technology	University of Mumbai	June 2022
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- M.Sc. in Information Technology – CGPA: 9.14/10.
- Main Coursework: Microservice Architecture, Image processing, Networking, Data Science, Big Data.

B.Sc Computer Science	University of Mumbai	November 2020
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- B.Sc. in Computer Science. CGPA: 8.58/10.
- Main Coursework: Data Structures, Operating Systems, Databases, Algorithms, Programming Languages, Software Engineer, Computer Architecture.

TECHNICAL EXPERIENCE

Personal Projects

QuizView – Android open source library (2023).

- Built an open source Quiz library for android, many features included (see readme), published on jitpack.
- Project link - <https://github.com/mrpascal1/quizview>

Fox Programming Language (2020).

- Built small interpreted programming language in Java, which supports inheritance and various OOPS concept.
- Implemented basic data types, variables, functions, classes, conditional statements, and loops.
- It also supports various data structures such as List and HashMap.

EduHub - The Education Network (2019).

- Implemented a social network for education, where people can read, write, share and discuss on any education related topic. It is an Android app.
- It is written in Kotlin and uses firebase for database. Google Play Store - <http://bit.ly/2uUM2Zt>

Xene (2018).

- Built a social networking app with minimal real-time functionalities such as Posts, like, comment and chat.
- Implemented it in Java and firebase for storage and database.

ADDITIONAL EXPERIENCE AND AWARDS

- Winner of **IEEE Bombay Section First National Hackathon 2019** under Software Domain.
- **Technical Resource Person** in the State level workshop on Game Programming organized by Maharashtra College of Arts Science and Commerce.

Personal Details

- Date of Birth : 11 September 1999
- Gender : Male
- Marital Status : Unmarried
- Languages : English, Hindi
- Nationality : Indian