

EXPERIENCE

Robosoft Technologies | Kotlin, Moengage, Firebase, Jetpack, Jira, Git, Postman, Swagger

Senior Software Engineer | Apr 2022 – Present | Lucknow (WFH)

Project: Manorama News

- Led the development of the Manorama News Android app, managing API integration, creating POSTMAN collections, and integrating third-party SDKs like SSO login.
- Utilized Android, Kotlin, Firebase, and Jetpack. Implemented push notifications using FCM and provided technical assessments and UX suggestions.
- Improved app stability, reducing crashes by 15%, and enhanced user engagement through timely news updates. Delivered the app on schedule.

Project: Coto (Women's Social Community)

- Developed key features like user recommendations and multi-category selections, as well as facial recognition for user verification.
- Leveraged Kotlin, Firebase, and MoEngage for notifications and FCM, alongside Aadhar (UIDAI) for OTP verification fallback.
- Enhanced user security and engagement by providing a safe and private social platform, contributing to increased user retention and positive feedback.

Digitas | Kotlin, Java, Firebase, Jetpack, Jira, Git, Postman, Charles Proxy, Brightcove Player, Chartbeat, new-relic, markdown, telematics SDK

Senior Associate Application Developer | Jan 2019 – Apr 2022 | Mumbai

Project: Formula 1®

- Supported the Formula 1® Android app by fixing bugs, managing releases, and providing real-time support during race events.
- Monitored Firebase Analytics, chartbeat graphs to ensure app stability and user experience during live races, and in case of any issues, investigate the issue and report to other teams if required.
- Reduced critical app failures during live events, enhancing user trust and engagement during high-traffic periods.

Project: Hastings Direct Insurance

- Led the development of the Hastings Direct Insurance app, focusing on vehicle insurance management and telematics for user driving behavior tracking.
- Managed a team of 3 developers, utilizing Android SDK, MPAndroidCharts, Charles-proxy and Cambridge Telematics and Firebase Analytics.
- Increased user satisfaction by simplifying insurance management and reduced fraudulent claims through accurate driving behavior tracking.

EDUCATION

I.E.T, (Agra University)

BE (CSE) | Sep-2013

Percentage: 73.44

Govt. Jubilee Inter College

HSC (PCM) | 2008

Percentage: 62.8

Govt. Jubilee Inter College

SSC (Science & CS) | 2006

Percentage: 63.66

ACHIEVEMENTS

Developed a solution for dual SIM detection by leveraging reflection properties to identify multiple SIMs in devices (below Lollipop), leading to creation of patented "Dual SIM Detection" library, filed by the company (Patent #201621014712).

Developed the MySpeed (TRAI) app, which has over 4.8 million users, providing critical data for TRAI and leading to national attention from media outlets.

Featured on Zee Business for the "Experience Me" app.

Received the Governor's Award for Scouting from Hon'ble Governor T.V. Rajeshwar.

Selected to represent India at the 2007 International SAF Friendship Camp.

[Pocket App](#) | Java, Firebase, Bootcamp, Fabric, Git, Maven repository hosting, Postman, Tokbox, Facebook SDK, Stripe SDK

Senior Android Developer | Sept 2017 – Jan 2019 | Mumbai

Project: E-Wallet SDK

- Designed and developed an SDK for Android apps that integrated e-wallet features for seamless transaction processing.
 - Built the SDK with customizable UI components and open methods for easy integration by other developers.
 - Streamlined wallet integration using Stripe for internal applications, accelerating app deployment and significantly reducing time-to-market for public releases.
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[RedMango Analytics](#) | Java, Multi-threading, Apache Libraries, MPAndroid Chart, Facebook SDK, DropBox SDK, Twitter4J, JSON

Android Developer | Dec 2015 – Sep 2017 | Mumbai

Project: [MySpeed \(TRAI\)](#)

- Developed the MySpeed app to measure mobile data speed, network coverage, call drops and call blocks across India.
- Used Android SDK, Google Maps, multi-threaded & single-threaded download, web browse tests etc. apart from that captured data like MCC, MNC, lat, long, tech, sub-tech, CID etc, and visualize test results on a map.
- The app minimized the TRAI's dependency on telecom companies for data, as a result the app garnered 4.8 million downloads, providing critical data for TRAI (Telecom Regulatory Authority of India) and leading to national attention from media outlets.

Project: Dual SIM Detection SDK

- Developed a library to detect dual SIM usage in Android phones, even for versions without official support.
 - Created a custom library to access dual SIM details such as MCC, MNC, and operator name etc, independent of Android API limitations using reflection property.
 - Enhanced network logging capabilities and helped in reducing data noise from reports collected through MySpeed app.
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[Mii Mobile App](#) | Java, Apache Libraries, Smack, Facebook SDK, JSON, Eclipse

Android Developer | Apr 2015 – Dec 2015 | Mumbai

- Developed Android apps for Mii Mobile, basically internal apps, like employee management and employee social media app
- Utilized Android SDK, Java, Smack, Facebook etc, and third-party libraries to enhance app features and ensure cross-device compatibility, and to provide features like chat, video upload.
- Using which admins can see the employee details, and can wish them for their birthdays with videos which will be compiled on server and will be posted as facebook post at midnight.

[IdeasSoft](#) | Java, Apache Libraries, core PHP, CodeIgniter

Android & Web Developer | Jul 2013 – Feb 2015 | Lucknow

- Worked on both Android apps and web development projects, focusing on backend API integration, website development and front-end user experiences.
- Employed Android SDK, Java, and web technologies like PHP, CodeIgniter, JSON to deliver web solutions.
- As a fresher in IT, contributed to Android and web development projects, gaining hands-on experience, and building a strong foundation in mobile app development, which laid the groundwork for my future technical growth.

TECHNICAL SKILLS

- **Domain Expertise:** Android App Development using Kotlin, Java, and Flutter
 - **Programming Languages:** Kotlin, Core Java, Dart
 - **Frameworks & Patterns:** Jetpack, MVP, MVVM
 - **Libraries & Tools:** Firebase, Retrofit, Dagger2, Picasso, Glide, MPAndroidChart, Facebook SDK, MoEngage, Tokbox
 - **Version Control:** Git
 - **Databases:** SQLite
 - **Other Technologies:** JSON, REST, SOAP
 - **IDEs & Tools:** Android Studio, VS Code, Jenkins (CI), Jira, Confluence
 - **Methodologies:** Agile
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