

SAMBA SIVA RAO KOMARAGIRI

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[LinkedIn](#) | [GitHub Repository](#)

PROFESSIONAL SUMMARY

- Over **12 years** of industry experience with advanced software application engineering for mobile and web platforms
- Sound knowledge of Android SDK and ability to develop end-to-end Android apps using Native development tools.
- Strong understanding of Object-Oriented principles with proficiency in Kotlin, Java programming, RxJava, Coroutines, and Compose.
- Built features for enterprise apps with a user base surpassing 15 million, showcasing proficiency in scalable solutions for high-traffic environments.
- Versatile experience collaborating in diverse company and team settings, ranging from early-stage startups to large-scale finance organizations. Adept at adapting to varying work environments and contributing effectively to achieve organizational goals.
- Experience operating within a dynamic Agile environment and collaborating with cross-functional teams to deliver high-quality solutions.
- Demonstrated experience working on production app releases with a strong understanding of regular update and hotfix cycles.
- Have successfully built and published apps on the Google Play Store.

TECHNICAL EXPERTISE

Programming	Kotlin, Java, Python3	Version Control	Git, SVN Subversion
Database	Firebase, MySQL, Oracle10g, MS SQL Server 08	Local Storage	RoomDB, Realm, SQLite
Tools	Android Studio, IntelliJ, Postman, WebStorm	Testing Tools	Selenium WebDriver, Appium

RELEVANT EXPERIENCE

U.S. Bank, Palo Alto, CA - Senior Android Engineer

07/2023 - Present

Kotlin, MVVM, Jetpack compose, Android SDK

- Craft features for [Talech](#) POS applications across Mobile, Register, and terminal devices to meet diverse business needs.
- Engineer reusable components for Core SDK using Jetpack compose and Views programming for seamless integration in various apps.
- Played a pivotal role in addressing UI accessibility issues, ensuring the application's inclusivity for all users, and meeting compliance goals.
- Led cross-functional discussions to shape the technical approach for key features, devising and implementing plans.
- Architected Core SDK for Android with a focus on clean and maintainable code. Developed reusable solutions across multiple Android apps for enhanced efficiency.
- Collaborated effectively with cross-functional and product teams, fostering seamless communication and cooperation for successful project outcomes.

OKCoin, San Jose, CA – Senior Android Engineer

08/2022 – 05/2023

Kotlin, MVVM, Coroutines, Retrofit, Dagger-hilt, Android SDK

- Use modern Android development tools to develop features for [OKCoin](#) and [OKX](#) crypto exchange apps.
- Build and maintain individual and group portfolios for payments & compliance features, delivering high-quality solutions with full ownership.
- Work with product, design, and other cross-functional teams present globally to build scalable features for the [OKCoin](#) app.
- Create technical design documents and architect-isolated components that external users can share and integrate as SDKs.
- Developed KYC (Know Your Customer) SDK specializing in secure document capture for compliance regions. Streamlined integration for multiple client apps, ensuring a user-friendly and secure KYC process.
- Implemented risk features to capture user app usage information and behavior patterns. Integrated with a risk rule validation service to identify and flag risky users on the FinTech platform, enhancing security and fraud prevention measures.
- Experience in liaising with external vendors to integrate third-party solutions essential for supporting crucial business features

Together Labs Inc, Redwood City, CA – Android Engineer**08/2021 – 06/2022****Kotlin, Java, MVVM, Rxjava, Volley, Android SDK, Room db**

- Built and managed scalable and complex features for [IMVU](#), ensuring optimal performance and functionality across diverse devices.
- Responsible for end-to-end development of features, including requirement gathering, technical design, development, testing, and release.
- Experienced in integrating mobile ads via AppLovin and MoPub SDKs, covering ad formats like banners, interstitials, and native ads.
- Refactored technical debt by migrating legacy modules to modern development frameworks and technology stacks.
- Work with product, design, and other cross-functional teams in an agile environment to build scalable features for the [IMVU](#) app.
- Write technical plans and use case documents for high-level requirements and provide engineering effort estimation to the business teams.
- Defect fixing and performance enhancement activities to better the app in terms of memory usage, data usage, and battery consumption.
- Perform memory leak analysis on legacy modules and deploy fixes to production

Trux Inc., Waltham, MA – Android Engineer**07/2019 – 08/2021****Kotlin, Java, Android SDK, RxJava, RxAndroid, Dagger 2, Retrofit, RoomDB**

- Developed features for the [Trux Drive](#) V2 app from inception to release while concurrently providing support for the production app.
- Developed clean architecture for Android app, separating business logic, data access, and presentation layers for improved maintainability.
- Built key features for user onboarding, job scheduling, location tracking, geo-fencing, and offline location data caching.
- Maintenance, code fixes, and feature enhancements for Trux now app using Java.
- Undertook ownership of individual modules and developed complex features with low defect leakage.
- Collaborate with product, UI design, and QA teams and effectively deliver quality features in adherence to deadlines.
- Participate in scrums, stand-ups, and sprint refinements to support requirements and product development.
- Worked towards the successful release of the [Trux Drive](#) app to the Play Store.
- Develop and maintain test automation framework for mobile and web using Selenium, Appium

Infosys Limited, Hyderabad, India – Senior Systems Engineer**07/2014 – 12/2017****Android Programming, Java8, MySQL, CSS, JavaScript, RESTful Webservices, Selenium**

- Designed and developed Android features for workflow tracking and risk management app using REST services, and Java programming.
- Develop and maintain UI tests for mobile and web apps using Selenium, Appium
- User Roles and Category management for access control and restrictions
- Integration of app with SQLite database and project management tool for acquiring project timeline and live progress data.
- Design and develop a dashboard page for the provider enrollment portal using JavaScript, JSON data rendering.
- Implemented doc matrix field dependency and form validation for 120+ rules set using JavaScript and REST web services.
Automated functional test case using Selenium-Java, which saved 400+ testing hours.

EDUCATION**University of the Cumberlands, KY**

06/2022 – Present

Doctorate in Information Technology

University of North Carolina at Charlotte

01/2018 – 05/2019

Master of Science in Information Technology

GPA: 3.8/4.0**Jawaharlal Nehru Technological University, Hyderabad, India**

08/2010 – 04/2014

Bachelor of Technology in Computer Science and Engineering

GPA: 3.5/4.0