

# 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

<b>Programming</b>	Kotlin, Java, Python3	<b>Version Control</b>	Git, SVN Subversion
<b>Database</b>	Firebase, MySQL, Oracle10g, MS SQL Server 08	<b>Local Storage</b>	RoomDB, Realm, SQLite
<b>Tools</b>	Android Studio, IntelliJ, Postman, WebStorm	<b>Testing Tools</b>	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.

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**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**