

ALLAN ARAÚJO

Software Engineer

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SUMMARY

- Seasoned Software Engineer with +5 years of experience in different industries such as tech consulting, fintechs, the legal and service management systems.
- Main technologies include Kotlin, Java, React, TypeScript and JavaScript.
- Currently serving as a Software Engineer at CI&T, specialized in developing scalable apps for clients such as Bradesco bank.
- Regarding soft skills, usually described by co-workers as a very proactive team player, with great communication skills, besides a fast learner with a high level of attention to detail and focused on results.

SKILLS

Proficient: Android, Kotlin, Java, Jetpack Libraries, Jetpack Compose, KMP, AWS, MVVM, Retrofit, Room, Espresso, JUnit, Robolectric, Coroutines, Koin, Firebase, React Native, JavaScript, TypeScript, React Testing Library, Material UI, MUI, Tailwind, Bootstrap, HTML, CSS, API Rest, RestFul, SQL, Microsoft SQL, PostgreSQL, MySQL, Git, GitHub, Gitlab, Linux.

Intermediate: React Query, GraphQL, CI/CD, Postman, Insomnia, UI/UX, NPM, Yarn, Docker, Styled Components, React Router, Python, SOLID, Bash, Figma, Jira, Scrum, Kanban.

WORK EXPERIENCE

CI&T (São Paulo, SP – Brazil, Remote): Android Developer (09/2024 – now)

A global technology consultancy focused on driving digital transformation for enterprise clients.

Collaborated on projects for Bradesco at [Bradesco Empresas e Negócios](#), a major financial institution app, to enhance and maintain their Android apps. Developed and integrated native functionalities built into mobile devices, including building methods for javascript webview calls, to integrate communication between the Android app and the web-based component. Utilized **Kotlin**, **MVVM architecture**, **Jetpack Compose**, **ViewModel**, **LiveData**, and **Coroutines** for reactive programming. Implemented dependency injection with **Koin**, and ensured data persistence using **Room** and **SharedPreferences**. Supported CI/CD pipelines with Jenkins and implemented automated testing with **Robolectric** and **Espresso**. Worked closely with cross-functional teams following Agile methodologies (**Scrum**) and managed tasks through **Jira**. Delivered robust and well-integrated Android apps features, improving system performance and ensuring smooth interaction between mobile and web environments.

NTT Data (São Paulo, SP – Brazil, Remote): Android Developer (04/2022 – 08/2024)

A trusted global innovator of business and technology services.

Engineered and maintained a high-scale banking app such as [Itaú Empresas](#) for 5 million users and [Itaú Emps](#), leveraging **MVVM** architecture and reactive programming to enhance code maintainability and responsiveness. Implemented new user flows, accessibility features, and shimmer effects, while ensuring quality through rigorous testing with **JUnit**, **Mockito**, **Robolectric**, **Espresso**, and UI automation using Appium with Gherkin. Integrated SDK webviews, managed CI/CD pipelines with Jenkins, and utilized Retrofit and OkHttp for seamless REST API integration. Reviewed technical requirements for financial apps, ensuring robust and secure functionalities. Implemented Koin for dependency injection and Android Jetpack components (Navigation, Room, ViewModel, LiveData) to build modular and efficient features.

UNIQUE SISTEMAS (Recife, PE – Brazil): Mobile Developer (04/2021 - 04/2022)

A company focused on developing and maintaining mobile applications.

Developed and maintained cross-platform mobile applications using **React Native**, incorporating frameworks and libraries such as React Navigation for navigation, **Redux** for state management, **React**

Query for data fetching, **Styled Components** for styling, and **MUI** for **Materials UI** components. Published apps on the Google Play Store. Prototyped screens using Figma.

FREELANCE PROJECTS

NuSoil App (Remote): React Native Developer (2025)

Designed and developed NuSoil, a mobile application built with React Native to provide soil analysis and agricultural insights. Implemented state management using Redux, integrated REST APIs for data retrieval, and ensured a smooth user experience with React Navigation.

VIP Sports (Remote): Android – Kotlin (2023)

Independently developed VIP Sports, a Kotlin-based Android app designed to enhance user engagement in sports-related activities. Implemented MVVM architecture with Jetpack components, integrated REST APIs with Retrofit, and optimized performance using Coroutines. Focused on creating a seamless UI/UX experience while ensuring robust application stability.

EDUCATION

Bachelor's Degree in Mathematics (06/2017 - 11/2024)

Universidade Federal Rural de Pernambuco (Brazil)

Learned R and Python throughout the course. Developed analytical problem-solving skills. Contributed to the Pymat project (<https://pymat.com.br>), a project that bridges computer science and mathematics using Python.

CERTIFICATION

AWS Certified Cloud Practitioner (CLF), Jun 25, 2023

LANGUAGES

- **English:** advanced
- **Portuguese:** native | advanced | fluent
- **Spanish:** Basic

COURSES

- **Kotlin NTT Data Android Developer** (Digital Innovation One)
Completed: Feb/2022 | 106 hours
Topics: Git, Scrum, Kotlin, MVVM, SQLite, and Android Studio
- **Android Application Development using Kotlin** (Udemy)
Completed: Jul/2022 | 33 hours
Topics: Kotlin, MVVM, and Retrofit
- **Beginner Android Developer** (Udemy)
Completed: Jul/2022 | 7.5 hours
Topics: Java, Android Studio, Activity & Lifecycle, and Layouts (linear, relative, and constraint)
- **Firestore Courses:**
 - Saving NoSQL Data in Firestore (Alura)
Completed: Dec/2022 | 8 hours
 - Firebase Authentication: Integration with Apps
Completed: Nov/2022 | 10 hours
 - Advanced Android Apps with Jetpack Compose: Screen Creation and State Management (Alura)
Completed: Jan/2023 | 10 hours

- **Data Science with Python** (DataCamp)
Currently studying | 88 hours
Topics: Python, NumPy, Pandas, Seaborn, and Matplotlib
- **HTML Web Developer Bootcamp** (Digital Innovation One)
Completed: May/2021 | 26 hours
- **Advanced Python Development with Flask and RestAPI** (Digital Innovation One)
Completed: Apr/2021 | 5 hours
- **AWS Courses:**
 - AWS Cloud Practitioner Essentials
Completed: Jun/2023 | 6 hours