

ROGÉRIO R. RODRIGUES DO CARMO

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OBJECTIVE

Senior React Native Front-end Developer. I currently work with **React Native**, building applications for the **banking sector**. I have experience developing and maintaining critical features, such as the Pix module for banking apps. During my master's program, I worked on **native Android** development using GPS data. I aim to contribute to and add value to hybrid mobile applications (**Android and iOS**).



EDUCATION

Master of Cartographic Sciences | UNESP - Universidade Estadual Paulista "Júlio de Mesquita Filho"

MARCH 2019 – MARCH 2023

Title of the dissertation: **Evaluation of the quality of GNSS measurements and positioning with Android smartphones.**

- I used **Java** for Android, **Java Swing** (desktop), and **Python** to process the GPS data captured through an Android app.
- I used **Firebase** solutions for data storage and distribution.

- *Publication of the work:* **Assessment of Raw GNSS Measurements from Android Smartphones.** In: XI Colóquio Brasileiro de Ciências Geodésicas, 2020, Curitiba.

- *Teaching Internship:* I taught classes on **Graph Theory** in the discipline of **Data Structure II**, for the course of bachelor's degree in computer science at UNESP. I prepared teaching materials (slides and code) and taught undergraduate course.

Bachelor of Computer Science | UNESP - Universidade Estadual Paulista "Júlio de Mesquita Filho"

MARCH 2014 – AUGUST 2018

Final Paper: **Processing of GNSS Data Captured by a Sensor on an Android Mobile Device.**

- *Publication of the work:* **Implementation of support for TIFF files in the CARTOMORPH image processing software.** In: XXVIII Congresso de Iniciação Científica da UNESP (Phase 2), 2016, Bauru.

In this project, I worked on image processing software using the **C++** programming language. I added support for the TIFF file format, which is commonly used by satellite image processing centers, thereby facilitating the work of researchers in the field and contributing to improved processing results.



EXPERIENCE

React Native Mobile Developer | Topaz

MARCH 2023 - PRESENT: **3 YEARS**

Performance in the internal product of the company, focused on the banking sector. I added new modules and features, such as Pix, Biometric Login and Loan. I provided maintenance and fixed bugs in the apps.

I was also assigned to projects for specific clients on demand:

- **CrediSIS** (Brazil); **Bradescard** (México); **Banco Macro** (Argentina) e **Banco do Nordeste – BNB** (Brazil).

Technologies used:

- Micro-frontend; Micro-apps; Super-app and Design System
- Google Play Console; Apple Developer and TestFlight
- Firebase Analytics, Crashlytics and Distribution
- Redux/Saga; Jotai; TanStack; Daon and Qualtrics
- Expo Modules; i18next; react-hook-form and JEST
- React Native StyleSheet; Styled Components; Async Storage and APIs REST
- Jira; Confluence; Jenkins, Fastlane; Elastic; Kibana and Grafana

React Native Mobile Developer | Rubcube

FEBRUARY 2022 – APRIL 2023: **1 YEAR AND 3 MONTHS**

Working with the mobile application of the client **Banco Digi+**. I created the **Pix** module, as well as performing maintenance and bug fixes in the app.

- React Native components in the **functional and class format**
- Development of the company's website, with React JS

Flutter Developer | Rubcube

NOV 2021 – FEB 2022: **4 MONTHS**

Activity in the mobile application of the client **Virtus Pay**. Maintenance and bug fixes.

Android/Flutter developer | Engeselt

MAY 2021 – NOV 2021: **7 MONTHS**

I joined the company to carry out a proof of concept of my master's degree, on **GNSS (GPS)** data and after that, I remained in the company to work on its own products, from the electrical sector. I performed maintenance and bug fixes.

- Flutter MobX, sqflite e OpenStreetMaps (*offline first*)
- Native Android Development (Java and XML)



SKILLS

- Experience with agile methodologies
- Efficient communication between the various stakeholders (POs, BAs and QAs)
- Knowledge of the Brazilian Pix system
- Developer Guidance
- Experience in Git, GitHub/Gitlab



ACTIVITIES

Intermediate-Advanced English Proficiency, JULY 2024:

- **Level B2** in the TOEIC *Listening and Reading (TLR)* exam

Writing articles for LinkedIn:

- [Useful tools for beginners in web development](#) (portuguese)