

# Andrey Adriano da Rosa

## Fullstack Software Developer

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Fullstack software developer with 3 years of experience, working across the backend and frontend on architecture, APIs, and systems integration. I also have a solid background in embedded Linux and VoIP, applied to IP telephony products such as phones, PBXs, and softphones.

## EXPERIENCE

### Fullstack Software Developer

March 2025 - Present

Intelbras

- Continued development of the condominium communication hub as a junior fullstack developer (Go, React, Lua, firmware on OpenWrt), building out larger features through to the product's recent launch.
- Became the main maintainer of the Android softphone (Java), used by nearly 10,000 monthly users across corporate and condominium settings, keeping it updated on the store — and eliminated for good the recurring issues with incoming calls via push notification when the app was closed.
- Became the point of contact between post-sales and development, joining meetings, tracking cases in Salesforce, and creating tasks to resolve issues reported by customers.

### Software Development Intern

April 2024 - March 2025

Intelbras

- Started out fixing bugs reported by post-sales on IP phones (C, Lua, AngularJS, firmware built with Yocto) and the Android softphone (Java), getting hands-on exposure to the product lifecycle and learning Android development hands-on.
- Picked up the condominium communication hub project from scratch: requirements gathering, architecture, an initial REST API, an MVP of the call-control application in Go via Asterisk's ARI, a MariaDB database, JWT authentication, and role-based access control (RBAC).

### Developer | Research Fellow

July 2023 - December 2023

RNP - Brazilian National Research and Education Network

- Contributed to RNP's PGID research project integrating passkeys into a Shibboleth identity provider, building an MVP of the flow — a PostgreSQL schema, API endpoints in Java/Spring Boot, and screens in Thymeleaf.
- The MVP became the foundation for passkey authentication in CAFe (Brazil's federated academic and research identity community); I published and presented the results at the XXIII Brazilian Symposium on Information Security.

## EDUCATION

### B.Eng., Telecommunications Engineering

January 2020 - March 2025

IFSC - Federal Institute of Santa Catarina

### Integrated Technical Course, Telecommunications Technician

2016 - 2019

IFSC - Federal Institute of Santa Catarina

## SKILLS

Languages & Frameworks: Go, React, JavaScript, Java, C, AngularJS, Bootstrap, Gin

Data & Infra: Docker, SQL (PostgreSQL, MariaDB), Computer Networking

VoIP, Telephony & Embedded: VoIP, SIP 2.0, Asterisk, PJSIP, ARI, Lua, Embedded Linux, OpenWrt, Yocto Project

## LANGUAGES

Portuguese (native), English (advanced), Spanish (basic)