

# Guilherme de M. C. Costa

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**Programming Languages:** Typescript, Java, Python (Pandas, NumPy), C++, Lua, SQL

**Frameworks & Technologies:** React, Spring Boot, NestJS, tailwindcss, Selenium, Plotly

**Databases:** PostgreSQL, Oracle

**Version Control:** Git

**Cloud Tools:** AWS (SQS, S3)

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## Professional Summary

Fullstack Developer, focused on TypeScript and Java with expertise in React and Spring Boot. With a strong educational and professional background in software development, I am eager to tackle challenges that drive process optimization and automation, and innovative solutions for modern applications.

## Work Experience

### Elevaty - Fullstack Developer Intern

*Jan 2023 - Present | Remote*

- Contributed to the maintenance and development of new features for a customer card management system using React and Node.js.
- Currently building workflow configuration software from scratch using PostgreSQL, Spring Boot, React and AWS cloud tools, such as SQS.
- Provided support to the Customer Success team.
- Promoted the adoption of a testing culture within the company.

### Constanta Industrial Ltda. - Technical Administrative Assistant

*Sep 2022 - Dec 2023 | Jarinu, SP*

- Developed graphical interfaces using Python, integrated with REST APIs for data analysis and reporting.
- Automated tasks with Python, including email automation, integration with Office 365 (Excel, Word) and web automations with Selenium.
- Performed data analysis with Pandas, Numpy, and Plotly.
- Managed ETL processes using MySQL and PostgreSQL databases.
- Built real-time dashboards to monitor 260,000 IoT devices, improving service quality by 40%.
- Identified LoRa network gateway installation sites to enhance signal quality.

## Education

### Instituto INFNET

Bachelor's in Software Engineering - October 2023 - Present | Rio de Janeiro, RJ

### FIAP

Technologist (Incomplete) in Data Science - January 2023 - September 2023 | São Paulo, SP

## Projects

### SLA - Real Time Monitoring Application

- Web Application that monitors service quality and IoT devices via interactive 3D dashboards. Simulates network improvements and provides predictive analysis.
  - **Technologies:** Python ( streamlit, pandas, plotly ), MySQL

### Github Analytics - Fullstack Project

- GitHub Analytics Platform is a tool to visualize and analyze metrics from GitHub repositories. It provides insights into contributions, collaborator activity, and code evolution, with interactive charts and detailed reports.
  - **Technologies:** Fastify, React, Tailwindcss, Shadcnui, TanStack Query, TanStack Table

### Workflow Notification Scheduler - Fullstack Project

- A workflow orchestration system designed to schedule and manage client notifications via email, SMS, and WhatsApp. The platform ensures reliable scheduling and delivery, featuring a user-friendly dashboard for monitoring and configuring workflows.
  - **Technologies:** Spring Boot, PostgreSQL, React, AWS (SQS, Lambda)

## Soft Skills

- Critical Thinking, Adaptability, Proactivity, Creativity, Communication

## Languages

- Intermediate English, Native Portuguese

## Certifications

- AWS Certified Cloud Practitioner **CLF-C02** - 2025
- AIMO (Asia International Olympiad Union) - 2020
- Mathématiques Sans Frontières - 2018

## Courses

- **Hashtag Treinamentos** - Python
- **Udemy** - C++ for Beginners
- **Udemy** - Beginning C++ programming - From Beginner to Beyond
- **English Yourself** - English Course
- AWS Certified Cloud Practitioner Practice Exams **CLF-C02**