

FRANCISCO ROQUE

Software developer

CONTACT

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SKILLS AND COMPETENCIES

- 6 years of experience building scalable, secure, and high-performance solutions that turn challenges into results!

- Programming languages:

Java, Kotlin, TypeScript, JavaScript

- Frameworks:

Spring Boot, Micronaut, Node.js, NextJS, ReactJS

- Databases:

MySQL, PostgreSQL, MongoDB

DevOps experience in creating CI/CD pipelines

Automated testing (Kotest, Jest, Mockito.)

Process automation

Application development using Clean Architecture

ACADEMIC BACKGROUND

Bachelor's Degree in Computer Science

Completed - Federal Institute of Education, Science, and Technology of Ceará (IFCE)

Technical Degree in Computer Networks

Completed - Federal Institute of Education, Science, and Technology of Ceará (IFCE)

PROFESSIONAL EXPERIENCE

Backend developer - Zup Inovation

April 2025 - Present

- Maintained and refactored legacy microservices with Java and Spring boot to improve performance, reliability, and scalability for millions of users.

- Acted as a mentor to junior and mid-level developers, fostering a culture of learning and high code quality through code reviews, pair programming, and technical guidance.

- Participated in architectural discussions and collaborated with cross teams to make strategic technical decisions aligned with business objectives.

Backend developer - Nav9

February 2025 - April 2025

- Led backend development for a human resources web platform, serving large enterprise clients in Brazil.
- As the sole backend developer, designed and implemented core systems using **Java**, **Node.js**, and **Micronaut**, ensuring robustness and maintainability.
- Collaborated closely with frontend developers and contributed to the React frontend when needed, ensuring seamless integration between backend and frontend.
- Communicated directly with clients to gather requirements, propose technical solutions, and deliver features that aligned with business goals.

Backend developer - Arco tech

March 2022 – February 2025

- Designed and implemented a robust backend platform supporting millions of students and teachers, with cross-platform functionality to serve different companies within the group.
- Applied my expertise in **Kotlin**, **Micronaut**, **Java**, **Spring Boot**, and databases like **MySQL** and **PostgreSQL** to develop efficient solutions, improving system performance and reducing company costs.
- Developed a unified login system using **Keycloak**, optimizing credential management and significantly reducing operational time and costs.

Backend developer - SAS Education platform

January 2022 – March 2022

- Started as a Mid Software Developer at SAS Plataforma de Educação and, after three months, was promoted to Senior-Level Developer and integrated into Arcotech, a newly created team within the company to drive technological innovation in the education sector.
- Backend development using **Java**, **Spring Boot**, **Node.js**, and **PostgreSQL**.
- Experience with **DevOps**, including deployment automation (CI/CD) and monitoring using **GitHub Actions** and **Jenkins**.

Fullstack Developer – G4Flex

September 2021 – January 2022

- Developed new features for an omnichannel platform.
- Created new interfaces using **React.js** and developed chatbots using **Node.js**. Contributed to the company's success by delivering high-quality projects on time. Additionally, gained valuable experience in **TypeScript**, **PostgreSQL**, and other backend-related technologies.

Fullstack Developer – Normatel

December 2019 – September 2021

- Worked as a full-stack developer, focusing on process automation using Python and chatbot development with Node.js.
- Contributed to the creation of a fully automated process that allowed customers to track their deliveries via WhatsApp and complete quality surveys after delivery.
- Used technologies like Node.js, React.js, and MongoDB to build scalable solutions that optimized processes and improved the company's efficiency.