

# 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.

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## **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.
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## **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.
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## **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.
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## **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.

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**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.