

# Seu Nome

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## Skills

- Java | JavaScript | Swift | Spring Boot | MongoDB | MySQL | React | Next.js | Git | Github
- RESTful APIs | Postman | Mockito | Unit Testing | JUnit | OOP | CI/CD | Deploy | HTML5 | CSS | Tailwind
- Backend | Frontend | Full-Stack | Open Source | English, Portuguese, French – *All professional proficiency or above*

## Experience

### FullStack Developer

#### Empresa 3

Hybrid

01/2023 - Current

*Empresa3 is a software house that has over 150 colleagues across World. I directly contributed to projects primarily using Java for backend, focusing on maintaining RESTful APIs. Additionally, I worked on projects involving native iOS development with Swift to create mobile applications and also some web apps using React.*

- Maintained several existing products, both web and mobile, that generate **€11.3 million in revenue annually**, utilizing the latest technologies including **Java, Swift, JavaScript, Spring Boot, React, Next.js, Tailwind CSS, MongoDB, MySQL**, and **Git** for version control.
- Actively participated in Unit Testing, ensuring a minimum of **80% test coverage** for components, and utilizing tools such as **Mockito**.
- Worked on an **iOS app** that managed truck deliveries, leveraging weight, distance, and historical trip data to optimize fuel consumption, resulting in a **12% increase in pricing effectiveness** for the product.

### Fullstack Developer

#### Empresa 2

Scotland, uk

04/2022 - 01/2023

- Implemented advanced image processing algorithms, including edge detection and template matching, to enhance barcode recognition accuracy and performance.
- Integrated with external APIs, such as **GS1's Global Data Synchronization Network (GDSN)**, for real-time product data retrieval and synchronization.
- Leveraged Spring Security and **OAuth 2.0** for secure authentication and authorization, ensuring data privacy and regulatory compliance

### Flutter Developer

#### Empresa 1

London, Uk

08/2021 - 01/2022

- Implemented a custom event-driven architecture using BLoC pattern, ensuring efficient state management and modularity.
- Integrated TensorFlow Lite for on-device inference, enabling real-time processing of user interactions while maintaining privacy and data security.
- Implemented data pipelines using Apache Kafka and Apache Flink to ingest, process, and aggregate telemetry data in near real-time, providing actionable insights for content creators and platform optimization.

### Computer Science Tutor

#### King's College

University

02/2023 - 06/2023

Mentored CS 22 students, assisting them with pair coding sessions and explaining Object-Oriented Programming (OOP) concepts and algorithms

## Education

### Bachelor of Science

#### King's College

EG. 2023.02

- BSc Computer Science - (**Final grade: 78.9**) - ucs 6400

## Projects

- **Car Management API** : RESTful api service designed to manage information about cars. PostgreSQL and hibernates on db, AWS to deploy and swagger to documentation ([Github](#))
- **OpenBanking backend**: Application that demos interaction between a customers and shop owner. Money transactions and user sign in. Backend app using Springboot, h2 database and unit test ([Github](#))
- **Current Vehicles**: Frontend application developed using Next.js, aimed at providing a solution for renting electric vehicles ([Live](#)) ([Github](#))

## Mentorship

- **Fiasco**: YouTube channel with over **50k subscribers** where I discuss Software Engineering, Coding, and LeetCode. (**01/2023 - Present**)
- **Computer Science Tutor**: Programming | Data Structure and Algorithms | Career advice | coding interview prep | professional portfolio