

RAPHAEL SENA AUGUSTO DE BRITO

Rua Palermo - Bandeirantes (Pampulha), Belo Horizonte - MG, Brazil

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Education

Pontificia Universidade Católica de Minas Gerais

Bachelor's Degree in Software Engineering

Jan. 2023 – Dec. 2026

Belo Horizonte, Minas Gerais

Colégio Santa Maria Minas Floresta

High School

Jan. 2016 – Dec. 2018

Belo Horizonte, Minas Gerais

Kogarah High School

High School

Jul. 2017 – Dec. 2017

Sydney, NSW - Australia

Courses and Certifications

Red Hat

Red Hat System Administration I (RH124)

May 2024

Belo Horizonte, Minas Gerais

- **Relevant skills:** Linux, Shell, OS Management, SSH, Red Hat Enterprise Linux.

Alura

LEARN TO PROGRAM IN JAVA WITH OBJECT-ORIENTED PROGRAMMING

December 2023

Belo Horizonte, Minas Gerais

- **Relevant skills:** Java, Gson, IntelliJ, OOP, JSON, API Consumption, Postman.

Udemy

COMPLETE Java Programming with Object-Oriented Approach + Projects

December 2023

Belo Horizonte, Minas Gerais

- **Relevant skills:** Java, SQL, MySQL, Spring Boot, Eclipse, SpringToolSuite4, Postman, XAMPP, MySQL, MongoDB, H2.

Alura

LEARN TO PROGRAM IN JAVASCRIPT WITH A BACK-END FOCUS

November 2021

Belo Horizonte, Minas Gerais

- **Relevant skills:** Javascript, Node.js.

Experience

Volaris - Empresa 1

Software Engineer Intern

May 2025 – Present

Belo Horizonte, Minas Gerais

- Developed, researched, and resolved issues in the Sigom Cloud web application, supporting over 150 cities and impacting more than 18 million public transport users across various cities and states in Brazil.
- Worked with Java 8, AngularJS, Eclipse, DAO, Wildfly, SQL, and Pentaho for report generation.
- Followed an Agile development model, actively participating in daily stand-ups, sprint planning sessions, and delivering features incrementally through biweekly sprints.

AVASO Technology Solutions

Field Support Engineer

September 2023 – Present

Belo Horizonte, Minas Gerais

- Diagnosed, researched, and resolved issues on computers and their systems.
- Monitored and updated ServiceDesk issue tickets to ensure problem resolution and feedback compliance.
- Installed, configured, and supported computers, laptops, virtual machines, smartphones, VOIP technology products, servers, backup systems, and various devices.
- Managed tasks using a ticket system for time control and reporting completed activities.

Sociedade Mineira de Cultura

IT Technician

March 2023 – September 2023

Belo Horizonte, Minas Gerais

- Configured and verified networks on desktops and laptops.
- Verified and installed hardware.
- Performed maintenance on computers and laptops.
- Provided L1 technical support using Active Directory, ticketing systems (CSC), VPN, directory and printer mapping platforms, following established SLA standards.
- Collaborated on a telephony change project serving over 100 users, migrating logical telephony networks to VOIP and configuring/installing devices.

Sociedade Mineira de Cultura

IT Technical Assistant

October 2022 – March 2023

Belo Horizonte, Minas Gerais

- Assisted in configuring and verifying networks on desktops and laptops.
- Verified and installed hardware.
- Performed maintenance on computers and laptops.
- Provided L1 technical support using Active Directory, ticketing systems (CSC), VPN, directory mapping platforms, and printers.

Pontifícia Universidade Católica de Minas Gerais

March 2022 – October 2022

IT Technical Assistant

Belo Horizonte, Minas Gerais

- Assisted in configuring and verifying networks on desktops and laptops.
- Verified and installed hardware.
- Performed maintenance on computers and laptops.
- Provided L1 technical support using Active Directory, ticketing systems (CSC), VPN, and directory/printer mapping platforms.

Pontifícia Universidade Católica de Minas Gerais

September 2021 – March 2022

IT Intern

Belo Horizonte, Minas Gerais

- Gained first-hand experience with ServiceDesk and Helpdesk.
- Learned tasks such as maintenance on desktops and laptops.
- Replaced crucial components for computer functionality, including RAM, CPU, GPU, and motherboards.
- Provided effective L1 support for administrative network users, addressing IT issues under supervision.
- Learned specialized assistance using ticketing systems (CSC) for escalation and resolution of issues.

Projects

Portfolio v2 | TypeScript, Next.js, TailwindCSS

January 2025

- Developed a more modern web portfolio to enhance my professional profile and increase visibility.
- Used Next.js for project structuring and TailwindCSS for responsive styling.
- Source code available at: <https://github.com/raphael-sena/portfolio>

Recipes&Flavors | Java, SpringBoot, Typescript

November 2024

- Recipes&Flavors is a web application for sharing cooking recipes with advanced filters for searching recipes by categories such as diet type, cuisine type, difficulty, and more. The architecture follows the MVC (Model-View-Controller) pattern on the backend, with JWT (JSON Web Token) authentication for security and PostgreSQL for data persistence.
- The application is also containerized using Docker, enabling easy deployment and scalability.
- Technologies used:
 - * Frontend: Next.js, Typescript, and TailwindCSS.
 - * Backend: Java, Spring Boot.
 - * Database: PostgreSQL Server.
 - * Tools: IntelliJ IDEA, Postman, Git, GitHub, pgAdmin, VSCode.
 - * Deployment: Docker (docker-compose), Microsoft Azure, GitHub Actions, PuTTY.
- Link: <https://github.com/raphael-sena/recipes-and-flavors>

todosimple-api | Java, Maven, IntelliJ

July 2024

- A simple application where users can register and log tasks to their accounts.
- The project involves building a Restful API using Java's Spring Boot framework.
- Implemented authentication and authorization concepts in the project's configuration layer.
- Deployed the project on MS Azure using docker-compose with GitHub Actions.
- Technologies used:
 - * Frontend: HTML 5, CSS 3, JavaScript, Bootstrap 5.
 - * Backend: Java 17, Apache Maven.
 - * Database: MySQL Server.
 - * Tools: IntelliJ IDEA, Postman, Git, GitHub, HeidiSQL.
 - * Deployment: Docker (docker-compose), Microsoft Azure, GitHub Actions, PuTTY.
- Link: <https://github.com/raphael-sena/todosimple-api>

Portfolio | HTML/CSS, Bootstrap, JavaScript, JSON-Server, GitHub API, VS Code

July 2024

- Developed a web system in portfolio format to increase impressions of my profile.
- Used HTML/CSS and Bootstrap for responsive site structure and styling.
- Implemented JavaScript for creating dynamic HTML, adding interactivity to the previously static page.

- Used the GitHub API to populate the Profile and Repositories section.
- Employed JSON-Server with a db.json file to populate all site sections.
- Link: <https://github.com/raphael-sena/portfolio-raphael>

Pass-in | Java, Maven, IntelliJ

April 2024

- Developed an application using Java and Apache Maven for managing participants in an event.
- Used Spring Boot and MVC pattern for application structuring.
- Dependencies used:
 - * Spring Boot DevTools
 - * Flyway Migration
 - * Lombok
 - * HyperSQL Database
- Link: <https://github.com/raphael-sena/projects/tree/main/rocketz/pass.in-java-springboot-api-main>

ScreenMatch Webless | Java, Maven, IntelliJ

December 2023

- Designed a Java application to consume an HTTP API from IMDb to retrieve data about movies available in the API.
- Used the following dependency:
 - * Jackson Databind
- Link: <https://github.com/raphael-sena/screenmatch-web-less/tree/main>

Skills

Languages and Databases: Java, HTML/CSS, JavaScript, TypeScript, MySQL, PostgreSQL

Frameworks: Spring Boot, Hibernate, Node.js, Bootstrap, React, Angular, Next.js, TailwindCSS

Development Tools: Maven, Postman, Insomnia, IntelliJ, VSCode, Docker, Git, GitHub, Figma, Adobe Photosop, Adobe Illustrator

API Development: Design and implementation of REST APIs, integration with third-party APIs, API testing with Postman and Insomnia

Software Engineering Concepts: SOLID principles, Test-Driven Development (TDD), Model-View-Controller (MVC) architecture, Object-Oriented Programming (OOP), Agile methodologies, Design Patterns

Extracurricular Activities

Developer: PMMG

December 2024 – Present

Experimental Software Agency

Belo Horizonte, MG

- Participation in a Junior Enterprise.
- In this role, I contribute by developing back-end solutions and collaborating with the team.

Back-End Team Leader: Cuido Bem

September 2024 – Present

Experimental Software Agency

Belo Horizonte, MG

- Participation in a Junior Enterprise.
- In this role, I lead the back-end development team and participate in various projects as needed. My contributions to the "Cuido Bem" project so far include:
 - * Reviewing colleagues' code and suggesting improvements;
 - * Writing unit tests for the MVC structure;
 - * Implementing a GlobalExceptionHandler to effectively manage back-end exceptions.

Software Development Team Productivity

February 2024 – July 2024

Pontifical Catholic University of Minas Gerais - Praça da Liberdade

Belo Horizonte, MG

- Research project focused on analyzing and understanding the factors impacting the productivity of software development teams.
- Reviewed and assessed articles from the Mendeley database of PUC Minas based on their abstracts to determine their relevance to the research scope.
- Conducted in-depth reading and evaluation of the selected articles to verify alignment with the research topic.
- Certificate: https://drive.google.com/file/d/1AnKRpsrqwXB7bQMYiz8kdrQw_D396uo/view

Languages

Portuguese | Native language

English | Fluent

German | Intermediate

Spanish | Basic