# Rodrigo Matias Xavier

**Fullstack Developer**
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Brazilian, Single, 28 years
Brasília - DF

✉ Email    GitHub    in LinkedIn    ◯ WhatsApp    💼 Portifólio

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## Professional Experience

### Samplemed IT - Development Analyst

📅 10/2021 - 03/2023

`PYTHON` `DJANGO` `PYTEST` `REST API` `DOCKER` `AMAZON S3` `AMAZON QUICKSIGHT` `POSTGRESQL` `SELENIUM` `BOTO3` `SWAGGER` `POSTMAN` `FLAKE8` `CI/CD` `GIT/GITHUB`

• Developed APIs using Django Rest Framework for frontend integration.
• Integrated Amazon Quicksight (AWS BI tool) for customizable dashboard visualization.
• Integrated AWS S3 Buckets for encrypted file upload/download using Boto3 and django-storages.
• Designed a custom ACL-based permission system to manage user access.
• Optimized and standardized pagination and filtering mechanisms for system endpoints.
• Implemented two-factor authentication (2FA) with Google Authenticator and other compatible tools.
• Developed database seeding mechanisms via CLI and migrations.
• Created a user authentication and registration system with email-based password token validation.
• Conducted unit testing, API functional testing, and UI testing using Selenium.
• Applied coding best practices (PEP8) using Flake8 and Black.

### EMBRAPII - IT Intern

📅 04/2018 - 04/2020

`PYTHON` `DJANGO` `MYSQL` `ADMINLTE` `BITBUCKET` `JIRA` `GIT/GITHUB`

• Developed and maintained the company's core system using Django (Python), ensuring its stability and continuous improvement.
• Implemented email-based technology for delivering management and prospecting insights.
• Designed and executed unit tests to ensure software quality and reliability.

### CAMP - Administrative Assistant Apprentice

📅 01/2013 - 01/2014

`MICROSOFT OFFICE`

Provided administrative support in accounting and finance departments.

# Academic Background

**University of Brasília (UnB):** Computer Engineering.

`94% Completed`

**Scientific Research Project (PIBIC - 2021):** Recurrent Neural Networks Applied to Solving Digital Games (Guitar Hero III)..

📅 2021

**EmbarcaTech:** Embedded Systems Training.

📅 2025

# Projects & Freelancing

## Market Insights

📅 2024 - Present

`PYTHON` `DJANGO` `SCRAPY` `DOCKER` `APPSHEET` `POSTGRESQL`

Web Scraping for data extraction and analysis in marketplaces, generating product insights. Applied statistical modeling, data normalization, activation functions, proxy rotation, and data cleaning.

## Surgical Manager

📅 2024 - Present

`NODE.JS` `REACT.JS` `NEXT.JS` `POSTGRESQL` `PRISMA`

System for managing surgical equipment and scheduling. Automated data import from spreadsheets.

## About

📅 2020 - Archived

`PYTHON` `DJANGO` `DOCKER` `MYSQL`

System for generating PDF resumes and displaying professional profiles.

# SkillsMap & Tools

`DJANGO` `PYTHON` `SCRAPY` `REST API` `NODE.JS` `NEXT.JS` `REACT.JS` `DOCKER` `POSTMAN` `CI/CD` `SQL` `MYSQL` `POSTGRESQL` `PYTEST` `AMAZON QUICKSIGHT` `AMAZON S3` `CIRCLECI` `SWAGGER` `LINUX/UNIX` `GIT/GITHUB` `FLAKE8` `C/C++` `PRISMA` `COMFYUI` `PLAYWRIGHT` `SELENIUM` `MATLAB` `APPSHEET` `ARDUINO` `JAVASCRIPT` `HTML` `CSS` `JUPYTER` `WORDPRESS` `MARKDOWN` `ASSEMBLY MIPS/RISCV` `HDL/VHDL` `MAKEFILE` `RASPBERRY PI` `CODE COMPOSER` `MICROSOFT OFFICE`