Guilherme Morone Araujo

Recife - PE, Brazil | guimorone@gmail.com | Portfolio

Profiles

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Summary

I am a Software Engineer with a background in Computer Engineering and a strong interest in building reliable, efficient, and scalable systems.

Since 2019, I have worked on a range of projects involving web development, data engineering, and cloud infrastructure — often with a focus on Big Data applications. I am comfortable working with tools like Python, Django, FastAPI, React, Docker, cloud platforms like AWS and GCP, and more.

I enjoy solving real-world problems with code, collaborating with teams, and continuously learning new technologies.

Originally from Rio and now based in Recife, I bring curiosity, adaptability, and a passion for turning ideas into practical solutions.

Education

Federal University of Pernambuco (UFPE)	February 2019 - August 2024
Computer Engineering	Bachelor

Final grade (GPA): 9.02/10.0

Undergraduate Thesis (PT-BR)

- MQF Level 6 (Reference Number: MQRIC 2025/28761).

Federal University of Pernambuco (UFPE)	June 2022 - March 2024
Software and Systems Engineering	Student Teaching Assistant

University Website

Provided essential support to students in software development and requirements engineering, with a strong focus on helping them create high-quality, well-engineered applications.

Experience

Neurotech	April 2024 - Present
Software Engineer	Full-time	Recife - PE, Brazil

Company Website

- In general, using skills in software, data engineering and backend development with Python, FastAPI, Terraform, CI/CD, Docker, Git, Airflow, Bash and cloud computing on AWS and GCP.
- Collaborate with cross-functional teams to achieve project goals.
- Ensure high-quality, scalable application development.
- Using AWS solutions such as Lambda, DynamoDB, EC2, Athena, S3, Step Functions and more.
- Extract data from different sources (internet, AWS S3, etc) and make it available in a data lake.
- Automating ETL pipelines with Apache Airflow.

GPC Gestão	September 2024 - October 2024
Full Stack Developer	Freelancer	Recife - PE, Brazil

Company Website

Built an admin website using React with TypeScript and Tailwind CSS for viewing, managing and downloading water consumption documents in multiple homes.

Jalan	April 2024 - May 2024
Full Stack Developer	Full-time	Recife - PE, Brazil

Company Website

Worked in web apps using Vue.js and Quasar along with Python and AWS Lambda Functions.

aca.so	March 2024
Mobile Engineer	Freelancer	Recife - PE, Brazil

Company Website

Worked in a freelance project (aca.so mobile app) using React Native, React Redux and TypeScript.

Oncase	February 2022 - December 2023 (February 2022 - August 2022 as an intern)
Software Engineer	Full-time	Recife - PE, Brazil

Company Website

- In general, utilized skills in web development (Flask, Django, React and HTML/CSS), data engineering, CI/CD, Docker, GitHub Actions, and cloud computing (AWS and GCP).
- Developed Big Data applications with a focus on high efficiency, scalability, and low cost.
- Developed frontend applications using React (JavaScript, TypeScript and HTML/CSS) and Redux.
- Implemented backend functionality using Python frameworks Flask and Django.
- Implemented effective CI/CD pipelines for seamless integration and deployment through Docker and GitHub Actions.
- Collaborated with cross-functional teams to achieve project goals.
- Enhanced customer relationships through the delivery of top-notch solutions.
- Ensured high-quality and scalable application development.
- Hosted applications on Google Cloud Platform using Cloud Run and Artifact Registry.
- Automated ETL pipelines with Apache Airflow.
- Utilized Amazon Web Services for hosting, leveraging services like Amplify, Route53, and Lambda.

InSpace	August 2022 - October 2022
Mobile Engineer	Freelancer	Recife - PE, Brazil

Company Website

Worked with the identification of certain objects from a mobile camera for legal purposes.

Educandus	May 2020 - December 2020 and June 2021 - October 2021
Game Developer	Internship	Recife - PE, Brazil

Company Website

I have worked as a game developer using Construct 3 software and JavaScript, building educational games for students from preschool to high school levels.

Projects

My Portfolio
August 2023 - Present
Personal Website
🔗 URL

My personal website containing all my relevant information and documents.

CI/CD, Git, GitHub, React, Tailwind CSS, TypeScript

Instagram Stats
January 2023 - November 2023 and June 2024
🔗 Project URL

- A Python program to get specific data from Instagram.
- The main idea is to get CSV files from followers, followings, and people who do not follow back the account you choose.

Git, GitHub, Python

URL Shortener
April 2024
🔗 Project URL

Program to generate a shortened URL with a focus on using server-side rendering.

Django, Git, GitHub, Python

Random Password Generator
February 2024
🔗 Project URL

Program to generate a secure random password.

Git, GitHub, Python

Cheque Fácil
September 2023 - December 2023

- Made a website with 3 more colleagues to an external customer.
- The main purpose is to identify bank check fields easily, so you do not have to type them manually.
- The bank check OCR is based on our customer's API, we did not implement it, just the website.
- It also offers API Integration, history download, payments and other features.

Bash, CI/CD, Django, Docker, Git, GitHub, Linux, Python, React, React Redux, Tailwind CSS, TypeScript

Type War
February 2023 - April 2023
🔗 Project URL

A 2D game made with other college colleagues. Inspired in the famous ZType game, but in Portuguese.

Git, GitHub, React, Tailwind CSS, TypeScript

Jojosué
May 2019 - June 2019
🔗 Project URL

A multiplayer game made with other college colleagues. The game story is about a postman that have to deliver some packages in the neighbourhood, but he will face issues and other players in his way.

Bash, C, Git, GitHub, Linux

Certifications

Go - The Complete Guide
June 2025
Udemy
🔗 Credential URL

GraphQL by Example
November 2024
Udemy
🔗 Credential URL

The Complete Cyber Security Course - Volume 1: Hackers Exposed!
November 2024
Udemy
🔗 Credential URL

The Complete Flutter Development Bootcamp with Dart
April 2024
Udemy
🔗 Credential URL

Google Cloud Computing Foundations: Data, ML, and AI in Google Cloud - Locales
March 2023
Google Cloud Skills Boost
🔗 Credential URL

Credential ID: 3311200

Google Cloud Computing Foundations: Infrastructure in Google Cloud - Locales
March 2023
Google Cloud Skills Boost
🔗 Credential URL

Credential ID: 3303084

Google Cloud Computing Foundations: Networking & Security - Locales
March 2023
Google Cloud Skills Boost
🔗 Credential URL

Credential ID: 3305980

Google Cloud Computing Foundations: Cloud Computing Fundamentals - Locales
March 2023
Google Cloud Skills Boost
🔗 Credential URL

Credential ID: 3302433

The Complete 2020 Web Development Bootcamp
April 2020
Udemy
🔗 Credential URL

Languages

Portuguese	English	German
Native	Advanced	Beginner
● ● ● ● ●	● ● ● ● ○	● ○ ○ ○ ○

Skills

CI/CD	Django	Docker	FastAPI	Flask
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GitHub	HTML	JavaScript	Jupyter Notebooks	Python
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React	Tailwind CSS	TypeScript	AWS	Airflow
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Bash	Git	Go	MongoDB	Linux
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Node	PostgreSQL	React Native	React Redux	Terraform
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CSS	Dart	Flutter	GCP	GraphQL
● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○
JQuery	PowerShell	SQL	C	C++
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Construct 3	Java	Vue	C#	Cyber Security
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Haskell	Jest	Kubernetes	Ruby	
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