Guilherme Morone Araujo

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

Profiles

guimorone   guimorone

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)

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

Provided invaluable support to students in software development and requirements engineering, with a primary goal of crafting top-tier applications of exceptional quality.

Jobs

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, Git, Airflow, Bash and cloud computing on AWS.
- 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 and make it available for many users in a data lake.

GPC Gestão   **September 2024 - October 2024**
Full Stack Developer | Freelancer   Recife - PE, Brazil
Company URL

Built an admin website using React with TypeScript and Tailwind CSS.

Jalan   **April 2024 - May 2024**
Software Engineer | Full-time   Recife - PE, Brazil
Company Website

Worked as a Full Stack developer using Vue.js and Quasar along with Python and Lambda Functions (AWS).

aca.so   **March 2024**
Mobile Engineer | Freelancer   Recife - PE, Brazil
Company URL

Worked as a Mobile Engineer in a freelance project (aca.so mobile app) using React Native.

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.
- 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 URL

I have worked with the identification of objects (censored specificity) 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.

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

A Python program to get specific data from Instagram. The project is on hold, but is currently working 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

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

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