

# Guilherme Morone Araujo

📍 Recife - PE, Brazil | ✉️ [guimorone@gmail.com](mailto:guimorone@gmail.com) | 🌐 [Portfolio](#)

## Profiles

🐙 [guimorone](#)      [in](#) [guimorone](#)

## Languages

### Portuguese

Native



### English

Advanced



### German

Beginner



## Education

**Federal University of Pernambuco (UFPE)**  
Computer Engineering  
Final grade (GPA): 9.02/10.0  
[🌐 Undergraduate Thesis \(PT-BR\)](#)

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

**February 2019 - August 2024**  
Bachelor

**Federal University of Pernambuco (UFPE)**  
Software and Systems Engineering  
[🌐 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.

**June 2022 - March 2024**  
Student Teaching Assistant

## Work Experience

**Neurotech**  
Software Engineer | Full-time  
[🌐 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.
- Implementing backend functionality using FastAPI.
- Using AWS solutions such as Lambda, DynamoDB, EC2, Athena, S3, Step Functions and more.
- Working extracting data from different sources (internet, AWS S3, etc) and make it available in a data lake.
- Automating ETL pipelines with Apache Airflow.

**April 2024 - Present**  
Recife - PE, Brazil

**Jalan**  
Full Stack Developer | Full-time  
[🌐 Company Website](#)

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

**April 2024 - May 2024**  
Recife - PE, Brazil

**Oncase**  
Software Engineer | Full-time  
[🌐 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.






**February 2022 - December 2023 (February 2022 - August 2022 as an intern)**  
Recife - PE, Brazil

**Educandus**  
Game Developer | Internship  
[🌐 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.

**May 2020 - December 2020 and June 2021 - October 2021**  
Recife - PE, Brazil

Freelances		
<b>GPC Gestão</b>	<b>September 2024 - October 2024</b>	
Full Stack Developer	Recife - PE, Brazil	
<a href="#"> <u>Company Website</u></a>		
Built an admin website using React with TypeScript and Tailwind CSS for viewing, managing and downloading water consumption documents in multiple homes.		
<b>aca.so</b>	<b>March 2024</b>	
Mobile Engineer	Recife - PE, Brazil	
<a href="#"> <u>Company Website</u></a>		
Worked in a project (aca.so mobile app) using React Native, React Redux and TypeScript.		
<b>InSpace</b>	<b>August 2022 - October 2022</b>	
Mobile Engineer	Recife - PE, Brazil	
<a href="#"> <u>Company Website</u></a>		
Worked with the identification of certain objects from a mobile camera for legal purposes.		

Projects	
<b>Instagram Stats</b>	January 2023 - November 2023 and June 2024
<a href="#"> Project URL</a>	
<ul style="list-style-type: none"><li>• A Python program to get specific data from Instagram.</li><li>• The main idea is to get CSV files from followers, followings, and people who do not follow back the account you choose.</li></ul>	
Git, GitHub, Python	
<b>URL Shortener</b>	April 2024
<a href="#"> Project URL</a>	
Program to generate a shortened URL with a focus on using server-side rendering.	
Django, Git, GitHub, Python	
<b>Random Password Generator</b>	February 2024
<a href="#"> Project URL</a>	
Program to generate a secure random password.	
Git, GitHub, Python	
<b>Cheque Fácil</b>	September 2023 - December 2023
<ul style="list-style-type: none"><li>• Made a website with 3 more colleagues to an external customer.</li><li>• The main purpose is to identify bank check fields easily, so the user does not have to type them manually.</li><li>• The bank check's OCR is done by our customer's API, we did not implement it, just the website.</li><li>• It also offers API Integration, history download, payments and other features.</li></ul>	
Bash, CI/CD, Django, Docker, Git, GitHub, Linux, Python, React, React Redux, Tailwind CSS, TypeScript	
<b>Type War</b>	February 2023 - April 2023
<a href="#"> Project URL</a>	
A 2D game made with other college colleagues. Inspired in the famous ZType game, but in Portuguese.	
Git, GitHub, React, Tailwind CSS, TypeScript	
<b>Jojosué</b>	May 2019 - June 2019
<a href="#"> Project URL</a>	
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	

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