

# Misael Lucas Machado Silva

Fullstack Developer

Fullstack Developer with over 5 years of experience designing and optimizing applications for the healthcare industry. Skilled in Javascript, Python, React, and cloud platforms, I excel in building efficient, user-friendly solutions. Passionate about leveraging technology to improve operational workflows, I am seeking opportunities to further innovate and contribute in dynamic tech environments.

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## Experience

### Centro Médico Hebrom

Fullstack Developer

May 2019 - Current

- Developed a Python and Selenium application to automate employee attendance monitoring by extracting and graphing data from an online timekeeping system; integrated Twilio to deliver real-time alerts.
- Designed and implemented a full-stack software solution for clinic operations, including appointment scheduling, financial data management, and patient registration, streamlining workflows for receptionists, management, and doctors.
- Engineered a minimalist website using React and TailwindCSS to provide essential clinic information and guide users intuitively to book appointments.

🔗 <https://centromedicohebrom.com.br>

## Academic Background

### Universidade Federal de Alagoas

UFAL - Bachelor of Science - Computer Science

February 2017 - July 2019

Undergraduate Coursework in Computer Science

- Completed 4 semesters

### UFBRA

Systems Analysis and Development

February 2025

- Currently enrolled – First Semester

## Technology

### Languages & Markup

HTML/CSS, JavaScript, TypeScript, Python, C#

### Frameworks & Libraries

React, Next.js, TailwindCSS, Node.js, Express, Django, .NET

### Tools, Databases & Platforms

Git, SQL, MongoDB, AWS, Docker, Firebase, Linux, Selenium

## Certifications

Foundational C# with Microsoft - freeCodeCamp

HCIA - Routing & Switching - HUAWEI

EF SET English Certification - C2

## Languages

Portuguese	English
Native	Advanced