

# JAROD CAVALCANTE

(+55) 89 99475-9680 | jarodsim@gmail.com  
linkedin.com/in/jarodcavalcante | jarod.dev

## PROFESSIONAL SUMMARY

---

Full Stack Developer operating across the entire software development lifecycle, from frontend architecture to cloud infrastructure. Hands-on experience solving complex problems using **AWS**, **Python**, and the **JavaScript/React** ecosystem. Focused on automation, CI/CD process improvement, and continuous value delivery, with the ability to easily transition between different technologies and technical challenges.

**Main Stack:** React, Next.js, Python, AWS (Serverless), Terraform, Docker.

## PROFESSIONAL EXPERIENCE

---

### Full Stack Developer

10/2021 – Present

*Fundação Cearense de Pesquisa e Cultura (FCPC)*

*Remote*

- **Full Cycle Performance:** Act directly across all project fronts, serving as the focal point for resolving bottlenecks in both Frontend and Cloud Infrastructure.
- **Frontend & Infrastructure:** Collaborated on migrating frontend infrastructure to **AWS** (S3 + CloudFront + Lambda) using **OpenNext** and **Turborepo**. Implemented CI/CD pipelines in **GitHub Actions** that automatically generate **Feature Environments** for testing.
- **Backend & AWS Cloud:** Develop and maintain serverless services in **Python**, integrating diverse resources such as **IoT Core**, **Timestream**, **DynamoDB**, and **Cognito**. Responsible for provisioning these resources via **Terraform** and **Serverless Framework**.
- **Documentation & Processes:** Organize and maintain technical documentation, facilitating new member onboarding and ensuring code standardization.
- **Autonomy & Decision Making:** Actively participate in architectural decisions, proposing cost and performance optimization solutions based on daily practical experience.

## PROJECTS AND PRACTICAL EXPERIENCE

---

### Meu Trocado | *Financial SaaS*

meutrocado.jarod.dev

- End-to-end construction (from design to deploy) of a financial SaaS using **Next.js** and **Supabase**, focusing on simplicity and high performance.

### Recursofy | *Resource Management*

- Full Stack development of a resource allocation system using **Node.js**, **Prisma**, and **Docker**, ensuring a consistent and containerized development environment.

### Unipad | *Code Sharing*

unipad.jarod.dev

- Developed a Full Stack code-sharing application (Pastebin-like) using **React.js** on the frontend and **Node.js** on the backend, with data persistence in **MongoDB**.

## EDUCATION

---

### Bachelor of Computer Science

01/2021 – 12/2025

*Universidade Estadual do Piauí (UESPI)*

### Associate Degree in Information Technology

01/2017 – 12/2019

*Colégio Técnico de Floriano (CTF/UFPI)*

## TECHNICAL SKILLS

---

- **Languages:** JavaScript/TypeScript, Python, SQL.
- **Frontend:** React, Next.js, Tailwind CSS, OpenNext.
- **Backend & Cloud:** Node.js, AWS (Lambda, IoT, DynamoDB, S3, Timestream), Serverless Framework.
- **Infrastructure & Tools:** Docker, Terraform, Git, GitHub Actions, Linux.