

João Vitor Fernandes de Sales, 22 anos

Software Engineer | Python | Ruby on Rails | Node.js | React.js | React Native | AWS | PostgreSQL

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Portfolio: <https://jovitportfolio.netlify.app/>

Summary

Final-year Computer Science student at UFERSA, with experience in software development, cloud computing (AWS), and artificial intelligence. Currently developing a health-focused chatbot and working as a Full-Stack Intern at the City Hall of Mossoró, contributing to an ETL tool to optimize data migration and participating in software development.

Skills

- Languages & Technologies: Python, Ruby on Rails, Node.js, React.js, React Native
- Cloud Computing: AWS (Amazon Web Services)
- Databases: PostgreSQL
- Software Development: Strong knowledge of software engineering, including best development practices, version control with Git, and agile methodologies
- Languages: Fluent Portuguese, Intermediate English, Basic Spanish

Experience

City Hall of Mossoró – Full-Stack Developer Intern - 2024 – Present

Development of web applications using React.js (frontend) and Ruby on Rails (backend).

- Contributed to the creation of systems to improve municipal services
- Implemented responsive interfaces and secure APIs
- Built an ETL tool to streamline data migration

UFERSA – Intelligent Chatbot Developer (Research Project) - 2024 – Present

Development of a chatbot for pregnant women in the Higia Way app using n8n, Node.js, and React.js.

- Automated tasks and enhanced chatbot intelligence
- Fixed bugs and maintained the platform

UFERSA – English Learning App Developer (Volunteer) - 2024

Developed a mobile app using Flutter, Firebase, and AI to support English language learning.

- Integrated artificial intelligence for personalized learning
- Built a solid mobile development foundation and explored technologies like React Native

Compass UOL – AWS & Machine Learning Intern - 2024

Internship in partnership with AWS, focusing on cloud computing and cognitive services.

- Participated in projects involving machine learning, APIs, and serverless solutions
- Earned the AWS Cloud Practitioner certification

UFERSA – Intro to Algorithms Instructor (Volunteer) - 2023

Taught introductory algorithm and Python classes to students from non-computer science majors.

- Focused on programming logic and computational thinking
- Developed communication and teaching skills

Education

Bachelor's in Computer Science – UFERSA - 2021 – Present

Degree focused on software development, software engineering, artificial intelligence, databases, and cloud computing.

- Engaged in internships and research projects that strengthened professional experience
- Solid foundation in algorithms, data structures, and computational thinking

HackaTruck – Training in Cloud, AI, and Swift - 2023

One-month intensive training focused on mobile development with Swift and cognitive services using IBM Cloud.

- Developed iOS applications and implemented AI features using natural language processing and API integrations
- Gained broad insight into emerging technologies and intelligent applications