

ALDA MONIQUE GONÇALVES DE ALCANTARA SANTOS

FULL-STACK DEVELOPER

Salvador, Bahia, Brazil | Open to International Opportunities
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PROFESSIONAL SUMMARY

Full-Stack Developer with experience building and maintaining enterprise web applications using React, Angular, TypeScript, Python (FastAPI and Django). Experienced in software development for large-scale clients, cloud services, artificial intelligence, automated testing, databases, and CI/CD environments.

TECHNICAL SKILLS

Frontend: React, Angular, TypeScript, JavaScript, Tailwind CSS, Jest, React Testing Library, HTML5, CSS3.

Backend: FastAPI, Django, Python

AI and Machine Learning: RAG, LangChain, LangGraph, Prompt Engineering

Cloud: AWS, Oracle Cloud Infrastructure

Databases & Vector Stores: PostgreSQL, MongoDB, Microsoft SQL Server, Pinecone, pgvector

DevOps and Tools: Git, GitLab, Github, Docker, Jenkins

PROFESSIONAL EXPERIENCE

IBM — Full-Stack Developer

2024 – Present

Brazil

- Develop and maintain enterprise web applications for Banco do Brasil and Petrobras.
- Build frontend features using React, Angular, TypeScript, JavaScript, and responsive web technologies.
- Develop and integrate backend services using Python, Django and FastAPI.
- Investigate application issues, implement technical improvements, and support production environments.
- Collaborate with developers, technical leaders, stakeholders, and multidisciplinary teams throughout the software development lifecycle.
- Contribute to code reviews, technical documentation, and CI/CD workflows.

Automind Automação Industrial — Full-Stack Developer

2022 – 2023

Brazil

- Developed full-stack applications using React, Angular and Python.
- Implemented reusable user-interface components and integrated frontend applications with backend services.
- Maintained existing systems and delivered improvements based on business and technical requirements.
- Supported testing, debugging, documentation, and deployment activities.

EDUCATION

Federal Institute of Bahia — IFBA

2026

Technology Degree in Systems Analysis and Development

Federal Institute of Bahia — IFBA

2021

Technical Diploma in Industrial Automation

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

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COURSES

- AI Engineer Production Track: Deploy LLMs & Agents at Scale
- Angular Deep Dive
- LangChain and LangGraph
- The DevOps Essentials
- React Advanced Concepts
- AWS Cloud Practitioner

RESEARCH AND ACADEMIC EXPERIENCE

IFBA — Technology and Innovation Researcher	Apr 2023 – Apr 2024
• Participated in research initiatives focused on technological innovation within Brazil’s Federal Education Network. • Supported initiatives related to intellectual property and technological development.	
CNPq and MCTI — Undergraduate Research Fellow	2022
• Participated in mentoring and research activities focused on scientific and technological development.	
IFBA, FATEC and IFRS — Technology Development Instructor	2022
• Delivered entrepreneurship and technology development training to public-school students in Bahia.	
Peace Ambiental, OAB and U.S. Embassy in Brazil — EcoWomen Youth Ambassador	2021
• Developed the “Cidades de Salvador” project, integrating geography, technology, and science communication.	

PUBLICATION

Extended abstract presented at the 1st Brazilian Symposium on Teaching, Research, and Extension in Social Technology, hosted by the Federal University of Rio de Janeiro.

LANGUAGES

Portuguese: Native | **English:** Intermediate Professional Proficiency