

Skills

Hard Skills

- Languages: Python, JavaScript/TypeScript, Java, SQL, C++
- Technologies: Node.js, React, Next.js, Docker, Git
- Concepts: Software Architecture, Data Analysis, Project Management, IoT

Soft Skills

- Leadership & proactivity
- Complex Problem-Solving
- Communication & Collaboration
- Organization & Planning

Idioms

- Portuguese: Native
- English: Fluent
- Spanish: Básico

JADIR JUNIOR | Full Stack Developer

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Education

Federal Institute of São Paulo (IFSP)

B.Sc. in Computer Engineering | Jan/2021 - Dec/2026

Polytechnic Institute of Portalegre (IPPOa)

Informatics Engineering (Exchange Program) | Sep/2024 - Feb/2025

Professional Experience

Instituto Államo, Araçacuba

Full-Stack Developer (Internship) | Nov/2024 - Present

- Developed and delivered 6+ production features for a corporate ERP system focused on finance, including service invoicing, product tax registration, automated bank slip generation, and a full service order management module that increased client productivity by at least 30% within an agile environment.

Extracurricular Experience (IFSP)

Project CommSenso - Cientific Initiation

- Architected and implemented a cloud-based IoT platform supporting 10+ sensors to automate and register microcontroller measurements, developing a custom MQTT broker (Aedes), a NestJS backend, and a Next.js frontend. The system serves as a centralized sensing hub for university research and monitoring use cases. Currently developing an administrative dashboard, a mobile application to manage measurement workflows, and features for generating abstract visualizations from sensor data.

Data Analysis - Data Mining Project

- Processed and analyzed 8,000+ records, applying K-Means, K-NN, and Neural Networks to achieve 95%+ classification accuracy and uncover key classification patterns.

Awards & Competitions

Programming Marathons

- Attended programming marathon teams, including the SBC Programming Marathon.
- Achieved 1st place among 25+ teams in the InterIF Programming Marathon (2025), demonstrating strong algorithmic problem-solving skills under pressure and effective teamwork.

Interest

- Software Engineering & Systems Architecture
- Technology Project Management
- Data Analysis & Artificial Intelligence
- Internet of Things (IoT) & Automation