

JONATAS ALVES DA SILVA

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Education

Pontifical Catholic University of Paraná

Systems Analysis and Development [E-learning]

Mar. 2024 – Jun 2026

Maringá, Paraná

State University of Maringá

Bachelor's in Informatics 3/5 - Dropped out

Sep. 2012 – May 2019

Maringá, Paraná

Relevant Coursework

- Software Engineering
- Discrete Mathematics
- Databases
- Theory of Computation
- Analysis of Algorithms
- Data structures
- Graph Theory
- Computer Architecture

Experience

Conta Azul - ERP SaaS

Software Engineer

Jan 2025 – Apr 2025

Joinville, Santa Catarina

- Refined and analyzed business and technical requirements with a cross-functional team to align with strategic goals.
- Implemented microservices using Java and Go, ensuring scalability, performance, and maintainability.
- Improved code quality by introducing automated testing practices, reducing regression rates.
- Delivered a new accounting integration system enabling secure and seamless data exchange between ERPs.
- Utilized RESTful APIs and Datadog for standardized communication, monitoring, and incident detection.
- Collaborated with UI/UX teams via Figma to ensure user-friendly and consistent interfaces.

PagBank - Digital Bank

Software Engineer

Mar 2022 – May 2024

São Paulo, São Paulo

- Worked on mission-critical systems with high transaction volumes in one of Brazil's largest digital banks.
- Focused on secure, scalable, and resilient services involving EDI, CNAB 240, bank transfers, and digital payments.
- Ensured compliance with LGPD, PCI DSS, and OWASP Top 10 security best practices.
- Modernized legacy systems and developed new microservices for core banking functionalities.
- Built an internal EDI Translator tool to reduce incident resolution time and improve team efficiency.
- Improved code quality through unit/integration testing and maintained high coverage.
- Used SAST tools like SonarLint, SonarQube, and SpotBugs for early bug/vulnerability detection.
- Worked with Product Owners to define business metrics and support data-driven decisions.
- Explored AI tools like GitHub Copilot and Amazon CodeWhisperer to boost productivity.
- Onboarded new developers and guided them through system architecture and practices.

Matera - Core Banking

Software Engineer

Aug 2021 – Mar 2022

Maringá, Paraná

- Contributed to microservice development for banking systems using Java and Spring Boot.
- Collaborated in Agile ceremonies to deliver secure and scalable features.
- Performed root cause analysis and resolved production incidents with reduced MTTR.
- Maintained legacy systems while gradually introducing new architecture patterns.

Technical Skills

Languages: Java(main Language), Go, Kotlin, C, C++, JavaScript, SQL, CSS

Developer Tools: IntelliJ IDE, Visual Studio Code, Postman, Jenkins, Docker, Grafana, New Relic, Splunk, DataDog

Technologies/Frameworks: AWS, Spring Framework, JUnit, Mockito, WireMock, Terraform, PostgreSQL

Certifications

AWS Certified Solutions Architect – Associate

Languages

Brazilian Portuguese

English

Spanish

Native

Professional working proficiency

Learning