

Gilson Oliveira, Senior Software Engineer

Brazil, juninhokaponnemg@hotmail.com

LINKS	Portfolio Website
PROFILE	Senior Software Engineer specializing in Node.js, React, and AWS with 6 years delivering high-impact features across fintech, healthtech, and edtech. Currently contributing to a digital banking transformation serving 5M+ accounts. Experienced working with international teams and integrating complex regulatory systems.
WORK EXPERIENCE	
Jan 2025 — Present	Senior Software Engineer, AIR Company - Contributing to the transformation of a large-scale digital banking platform serving 5M+ active accounts, including integrations with Central Bank regulatory systems, credit bureaus, and financial partners. - In parallel, worked on the implementation and evolution of LLIA, a proprietary conversational AI platform designed to augment human workforce capabilities across recruitment, talent management, and operational decision-making. - Integrated LLM-based conversational flows to support automated technical and behavioral interviews, improving hiring speed and reducing operational costs. - Developed and maintained scalable frontend and backend services using React, Next.js, TypeScript, Node.js, NestJS, and AWS (SNS, SQS, DynamoDB, API Gateway, Step Functions). - Ensured reliability, performance, and observability of AI-enabled and banking-critical features through automated testing, monitoring, and cloud-native best practices.
Feb 2024 — Dec 2024	Senior Software Engineer, eVINO - Led the development of new features and improvements across the platform, handling automated tests, code reviews, and production bug fixes while aligning technical decisions with engineers, product managers, and stakeholders. - Worked directly on one of Brazil's largest wine e-commerce platforms, building and maintaining user-facing features using React, Next.js, GraphQL, TypeScript, and Redis, with Git and Git Flow supporting day-to-day version control. - Developed backend services using NestJS, focusing on automated testing and service reliability, while supporting CI/CD pipelines with Docker, Kubernetes, and AWS to improve deployment consistency and scalability. - Contributed to Agile workflows using Scrum and Kanban practices, leveraging Jira for sprint planning, issue tracking, and team collaboration.
Jun 2022 — Dec 2023	Software Engineer, Afya (Healthtech) São Paulo - At Afya, the largest hub for medical education and practical solutions in Brazil, serving more than 22 thousand students and more than 20 thousand doctors, developed and improved core application features, resolved critical issues and contributed to architectural decisions through code and design reviews. - Built and scaled interactive user interfaces for a high-traffic platform using React, Next.js, TypeScript, and JavaScript, supported by a Node.js backend following object-oriented and microservices principles. - Managed and optimized data workflows using MongoDB, versioned code with Git, and supported CI/CD pipelines with Docker, Kafka, and RabbitMQ. - Ensured high code quality through unit and integration testing with Jest, and delivered scalable, monitored solutions using AWS services such as Lambda, EC2, CloudWatch, and Cognito. - Collaborated in Agile environments using Jira for project tracking and Bitbucket for code hosting, reviews, and team collaboration.
Oct 2021 — Sept 2022	Software Engineer, Inspiring Future (EdTech Platform) Lisbon - Developed and maintained a full-stack educational platform serving students across Portugal, enabling them to explore university programs and career opportunities through a real-time virtual fair experience. - Built scalable features using React (front-end) and Node.js (back-end), supporting core modules

including student enrollment management, financial tracking (CRM-like functionality), job board, and program registration for university partnership experiences.

- Architected serverless solutions with AWS Lambda, DynamoDB, S3, SQS, and SNS, improving platform scalability and reducing infrastructure costs. Monitored application performance using CloudWatch to ensure 99%+ uptime.
- Implemented CI/CD pipelines with GitHub Actions, Docker, and Kubernetes, reducing deployment time and ensuring consistent releases across environments.
- Collaborated daily with an international team in English, participating in technical discussions, code reviews, and sprint planning in an Agile environment.

Apr 2021 — Sept 2021

Software Engineer, RBM Web (Fintech)

- Maintained and developed new features for financial technology applications serving banking clients across Brazil, working on both front-end and back-end components.
- Built responsive user interfaces using React, JavaScript, HTML, and CSS, while implementing server-side logic with Node.js to support financial operations and data processing.
- Collaborated with senior developers to troubleshoot production issues, implement bug fixes, and ensure application stability for high-traffic banking platforms.
- Participated in code reviews and version control workflows using Git and GitHub, following agile development practices in a team environment.

Nov 2020 — Mar 2021

Software Engineer, Telecom/Energy Solutions

- Provided maintenance and support for an internal CRM system used by the sales team to manage energy solutions for Oi Group (major Brazilian telecom provider).
- Debugged and resolved production issues, implemented minor feature enhancements, and supported daily operations to ensure system availability for the sales department.
- Worked with Node.js and JavaScript on the back-end, React, HTML, and CSS on the front-end, and SQL for database queries and data management.
- Collaborated with the sales team to understand business requirements and translate them into technical solutions within the existing CRM platform.

EDUCATION

Jul 2026 Computer Science, University Estácio de Sá Juiz de Fora

SKILLS & INTERESTS

Node	AWS SQN
NestJS	AWS SQS
Typescript	Serverless Framework
React	Aws Lambda
React Native	Jest
SQL	Docker
Dynamodb	Kubernetes
Mongodb	CI/CD
Mysql	Turborepo
GraphQL	Git
Next	GitHub
HTML	Github actions
CSS	terraform
Redis	Bitbucket
AWS	Kafka
S3	LLMs

CloudFront
AWS cloudwatch

Redis

LANGUAGES

Fluent English
Native
Portuguese

conversational
Spanish