Leandro Rodrigues Jácome

Solutions Architect | Node.js / TypeScript

Goiânia, GO, Brazil | Remote from Brazil | Contractor or employee

leandro.jacome@gmail.com | +55 11 93619-8893

linkedin.com/in/leandro-jacome | github.com/leandrojacome

Professional summary

Software engineer with more than two decades in enterprise applications, 12 years with Node.js and 9 years with TypeScript. I build APIs and web applications using NestJS, Express.js and TypeScript interfaces. My experience combines implementation, modernization and financial systems integration with architecture, code reviews and mentoring. I have approximately 5 years with NestJS, including Modules, Providers, Interceptors, Guards and Custom Decorators.

My architecture work combines requirements analysis, technical tradeoffs, C4 modeling, integration design, modernization, code review and mentoring. I remain hands-on, connecting technical decisions to implementation and delivery.

Focused expertise

Node.js, TypeScript, NestJS, Express.js, Koa.js; Angular, React and Next.js. REST, OpenAPI and API-first development; SQL/NoSQL, microservices and events; Docker, Kubernetes, AWS, Azure, Google Cloud and CI/CD. Jest, Karma, Selenium and Playwright; Clean Architecture, SOLID and DDD.

Selected professional experience

CodeSpec — Full-Stack Developer

Jun 2026 – present | Remote

I build Node.js/TypeScript services and web interfaces for clients across industries. I implement asynchronous integrations, SQL/NoSQL persistence, MCP servers and AI features. I structure requirements and architecture decisions through spec-driven development (SDD), supported by tests, code reviews and delivery automation.

Capgemini — Solution Architect

Oct 2021 – May 2026 | Remote

I combined solution design and Node.js/TypeScript implementation with enterprise integration. I translated functional and nonfunctional requirements into technical decisions and C4 models, conducted code reviews and mentored engineers. I supported containerized applications, CI/CD, infrastructure as code and observability.

POUPEX — Full-Stack Developer

Dec 2017 – Jun 2020

I implemented complementary Node.js/NestJS services and Angular/TypeScript interfaces for financial applications. I built Express.js mocks for API-first development and contributed to REST, RPC and SOAP integrations. I supported deployment on Kubernetes and AWS using Jenkins.

Helpers — Full-Stack Developer

Sep 2016 – Mar 2017

I developed a Node.js/Koa.js backend, a React web application and React Native mobile features within a five-developer team. I automated environments and AWS deployment using Terraform and Ansible.

Relevant delivery cases

POUPEX | Financial applications and complementary services

Context: complaint handling, property valuation, consortium and payroll-loan systems. Contribution: I implemented complementary Node.js/NestJS services and Angular/TypeScript interfaces. Architecture: APIs integrated with the enterprise environment, Kubernetes and AWS deployment, and Jenkins delivery. Outcome: services and interfaces developed for the stated financial features.

POUPEX | API-first development

Context: frontend and integration development depending on API contracts. Contribution: I built Express.js mocks. Architecture: API simulations supporting contract-driven development and integration with REST/RPC/SOAP services. Outcome: mocks used in frontend and integration development.

Helpers | Financial BPO platform

Context: building a financial platform within a five-developer team. Contribution: I implemented a Node.js/Koa.js backend, React application and React Native features, and automated environments. Architecture: web and mobile applications connected to the backend, AWS, Terraform and Ansible. Outcome: platform components and provisioning/deployment flows implemented.

Education and selected certifications

PUCPR postgraduate programs: Data Science (Apr 2024–Jun 2025); Software Architecture and Cloud Engineering (Feb 2022–Apr 2023); Cybersecurity (Jan 2021–Feb 2022). Technology degree in Systems Analysis and Development — Senac (2020–2022). Technology degree in Networks and Internet — UNIP (2007–2009).

AWS Certified Solutions Architect – Associate; Google Associate Cloud Engineer; OCI Foundations Associate; Professional Scrum Master I; Professional Scrum Product Owner I.

Languages

Portuguese: native. English: advanced C1 for professional communication. Spanish: professional C1.