

# Lucas Gonçalves

**Software Engineer | AI Engineer | Full Stack Engineer - AI Agents, LLM Systems, Node.js, TypeScript, AWS**

Brazil (Remote) | ldgoncalvs@gmail.com | linkedin.com/in/lucas-goncalves-developer | github.com/L-Goncalves

## PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience shipping end-to-end production systems, now focused on AI agents and LLM-powered products (Applied AI Engineer / LLM Engineer).

At an early-stage Series A startup, owned the full pipeline of an AI accounting-automation agent, from LLM-based document extraction through deduplication and worker orchestration, using Amazon Bedrock and AgentCore.

Experienced in 0-to-1 product builds, customer-facing and forward-deployed engineering work with design-partner customers, and fast delivery without sacrificing reliability. AWS Certified

## TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Node.js, Python, Go, SQL
- **AI and LLM:** AI Agents, Amazon Bedrock, AgentCore, MCP, RAG pipelines, LLM orchestration (Claude, OpenAI GPT models), function calling, embeddings, vector search, prompt engineering, LangChain, Harness Engineering
- **Backend:** Node.js, NestJS, Express.js, REST, GraphQL, webhooks, OAuth, microservices, event-driven architecture
- **Frontend:** React, Next.js, React Native, Tailwind CSS
- **Cloud and DevOps:** AWS (Bedrock, Lambda, ECS, EC2, S3, RDS, CloudWatch), Docker, Kubernetes, Terraform, CI/CD, GitHub Actions, Vercel
- **Data and Messaging:** PostgreSQL, MongoDB, Redis, Kafka, SQS, Airflow, ETL pipelines
- **Quality and Observability:** Jest, Vitest, TDD, OpenTelemetry, ELK Stack, Agile/Scrum, Kanban

## PROFESSIONAL EXPERIENCE

### Software Engineer, Kinter.ai

Oct 2025 – Present | San Francisco, CA (Remote) | Series A startup building AI agents for accounting teams

- Joined as an early employee before product-market fit and contributed to the 0-to-1 build, from initial idea to the creation of a design-partner program with early customers.
- Worked directly with design-partner customers to gather feedback and iterate quickly, contributing to landing the company's first paying customer.
- Built AI agents for accounting automation with Amazon Bedrock and AgentCore, owning the end-to-end pipeline: LLM-based document extraction, deduplication strategy, and worker orchestration.

### Software Engineer (React, TypeScript, E-commerce VTEX), La Moda

Oct 2024 – Oct 2025 | Remote, Brazil

- Led delivery of the company's B2B solution under a one-month deadline, supporting \$20M MRR across PIX, Boletão, and credit/debit card payments.
- Built a CI/CD pipeline from scratch, reducing deployment time by roughly 70%.
- Led the migration from vanilla JavaScript and React to a fully TypeScript-based React codebase, improving code quality and reducing production bugs.
- Implemented session-level caching to prevent overfetching and HTTP 429 errors, and hardened the

application against XSS and API-key exposure.

### **Software Engineer, Full Stack (React, Node.js, AWS, Kubernetes), Zak**

Apr 2022 – Dec 2023 | Remote, Brazil

- Developed and maintained a management system and dashboard used by 400+ restaurants across Brazil.
- Reduced AWS costs by 33.5% through cost-efficiency and scalability optimizations.
- Contributed to Zak Pay, a new credit product for restaurants, aligning product and technology strategy.

Stack: React.js, MobX, TypeScript, Node.js (NestJS, Koa), Docker, Kubernetes, Kafka, RethinkDB, PostgreSQL.

### **Software Engineer, Mobile and Backend (React Native, Node.js), RW3 Tecnologia**

Apr 2021 – Mar 2022 | Remote, Brazil

- Built and maintained 3 iOS and Android apps for digital-government transformation in Mato Grosso, Brazil, with 500K+ combined downloads.
- Delivered full stack features with React Native, Node.js, and REST APIs in an Agile/Scrum environment.

## **CERTIFICATIONS**

- AWS Certified AI Practitioner (AIF-C01), Amazon Web Services, Sep 2026
- AWS Certified Cloud Practitioner (CLF-002), Amazon Web Services, Dec 2025

## **EDUCATION**

- Technologist Degree in Systems Analysis and Development, Centro Universitário FAM, Feb 2021 – Dec 2023

## **LANGUAGES**

- English: Native or bilingual proficiency
- Portuguese: Native or bilingual proficiency
- Spanish: Basic level