

Skills

React | Next.js | Node.js | TypeScript | JavaScript | Python | MongoDB | Postgres | MySQL | DynamoDB | Git | Docker
Redux | Tailwind CSS | AWS (API Gateway, Lambda, ECS Fargate, S3, SQS, Cognito, EventBridge) | GCP (Firestore, Functions)
CI/CD (GitHub Actions, GitLab Pipelines, AWS CodePipeline) | Tests (Cucumber, Cypress, Playwright, Artillery, Jest, Vitest)
IaC (Terraform, Serverless Framework, AWS CDK) | AI (Claude Code, Gemini, RAG) | LaunchDarkly | New Relic | Make

Experience

Senior Software Engineer [Torc](#) Dec 2024–Present
[Pennymac](#) | Mortgage Lender Remote, United States

- Led the migration of a high-throughput payload transformation service (**10MB+ payloads**) from AWS Lambda to ECS Fargate, **reducing average response time by 73% (15s → 4s)** and improving system stability.
- Redesigned the webhooks service introducing **SQS + DLQ with reprocessing flows**, **reducing event loss to under 3%**.
- Designed and executed **load and stress tests** for backend services, validating system behavior under peak traffic and **identifying performance bottlenecks before production releases**.

Senior Software Engineer [FullStack Labs](#) Jan 2024–Dec 2024
[Currents Marketplace](#) | EV Batteries Remote, United States

- Built core backend marketplace services, supporting **product listings, transactions, and internal operational flows**.
- Implemented core frontend marketplace features, including **dynamic conditional filters** on the products page and a **multi-step product registration flow** presented in a side panel interface.

Senior Software Engineer [CI&T](#) Jun 2022–Dec 2023
[Echoenergia](#) | Wind Energy Remote, Brazil

- Led a digital transformation initiative that reduced cost savings proposal generation time from **3 days to 15 minutes**, resulting in an **8x increase** in weekly output.
- Designed the platform **architecture on the cloud from scratch and led it to production release**.
- Integrated DocuSign and Pipefy to automate workflows, electronic signatures, and customer data sync.

[Costa Coffee](#) | Global Coffee Shop Chain

- Customized **multi-tenant** authentication and authorization flows with **Azure B2C** for user and access management.
- Built dynamic **GitHub Actions pipelines** for multi-environment deploys, **cutting duplication and maintenance cost**.

Software Engineer [CI&T](#) Jan 2020–Jun 2022
[YDUQS](#) | EdTech Remote, Brazil

- Implemented and maintained a learning platform, contributing to core features **used by over one million students**.

Systems Analyst [UniFAJ](#), [PlusIT](#) 2015-2019

Projects

- Built a Traditional Chinese Medicine **healthcare platform** serving **60+ therapists**, featuring **AI-driven energetic pattern recognition from tongue images**, and patient management using Gemini and MongoDB Vector Search.

Certifications

- [AWS Certified Developer - Associate](#), Amazon Web Services Dec 2023–Dec 2026
- [AWS Certified Solution Architect - Associate](#), Amazon Web Services Oct 2023–Oct 2026

Education

- **Bachelor's in Computer Science**, UniFAJ, Brazil. 2011–2015