

Maique Moraes

Senior Full Stack Software Engineer

Brazil | Remote international opportunities

maiued.18@gmail.com | +55 48 99133 4229

linkedin.com/in/maique-moraes | github.com/cybermaique

Professional Summary

Senior Full Stack Software Engineer with 6+ years of experience building web applications, REST APIs, and AI-powered solutions. Strong background in React, Next.js, TypeScript, Node.js, and NestJS, with hands-on experience in LLM integrations, RAG, vector search, and MCP tools. Experienced in design systems, usability improvements, and automated testing.

Technical Skills

Core: TypeScript, React, Next.js, Node.js, NestJS, REST APIs, BFF, SQL, PostgreSQL.

AI: Azure OpenAI, Azure AI Search, GPT-4o, LangChain.js, RAG, MCP, pgvector, hybrid search.

UI and quality: Redux, Tailwind CSS, Material UI, Radix UI, Jest, React Testing Library, TDD, single-spa.

Integration and delivery: Zod, SSE, Keycloak, NextAuth, Git, Azure DevOps, Docker, Kubernetes application deployments.

Additional: JavaScript, Vue.js, Leaflet, SonarQube.

Professional Experience

STRATESYS

Senior Full Stack Developer | Jan 2026 - Present

- Integrate the IntelligentBuy procurement assistant across React/Next.js, NestJS, Azure OpenAI, and MCP tools, separating document retrieval from current operational data and business actions.
- Integrate Azure AI Search with the backend for hybrid keyword/vector retrieval of procurement documents, using embeddings and filtering by process context and user permissions.
- Develop a NestJS BFF aggregating supplier and proposal APIs, with process/access validation and controlled failures for essential dependencies. Add structured logs, correlation IDs, and tests for transformations, errors, and timeouts to prevent incomplete bid comparisons.
- Implement award-confirmation workflows with typed form-to-API mapping and approval-routing variants; use Next.js Server Actions for service calls and error handling, respecting Keycloak authentication and permissions.

Grupo Inlog

Senior Full Stack Developer | Dec 2024 - Jan 2026

- Built a Next.js/NestJS AI assistant for waste collection management with GPT-4o, LangChain.js, and PostgreSQL/pgvector. Combined document RAG with MCP tools for current operational data and actions, Zod argument validation, and SSE streaming.
- Delivered features, usability improvements, and fixes during 15% growth in active business customers, tracked by product/commercial indicators; a collective engineering, product, and commercial outcome.
- Built TypeScript full stack features and REST APIs with React, Next.js, Node.js, NestJS, and Redux for driver, fleet, and route management, including Leaflet map interfaces.
- Co-developed a Material UI/Tailwind CSS/Radix UI design system, refactored components to reduce coupling, and contributed through automated tests, PR reviews, and mentoring.

Professional Experience Continued

UNICRED

Senior Full Stack Developer | Nov 2022 - Dec 2024

- Developed web features and BFF services with React, Next.js, TypeScript, Node.js, and NestJS for financial-services workflows.
- Wrote Jest and React Testing Library tests to meet a 95% minimum line-coverage requirement checked in CI, validating errors, loading states, and user interactions.
- Migrated React pages/components to single-spa microfrontends, configuring routing and application loading; co-developed a design system and separated logic from presentation.
- Supported approximately 6-8 teammates and delivered training on Figma-to-code, NestJS BFFs, and component architecture, observing greater autonomy and more consistent PRs.

uFLY

Full Stack Developer | Jun 2022 - Nov 2022

- Developed responsive healthcare allocation interfaces, integrated APIs, investigated production issues, and presented delivery progress to clients.

Autonomo Technologies

Full Stack Developer | Jan 2021 - Jun 2022

- Developed features for an official document issuance platform with React, Vue.js, and TypeScript; refactored code and supported quality with unit tests, SonarQube, and reviews.

Crear Sistemas

Backend Developer | Sep 2020 - Jan 2021

Backend Development Intern | Aug 2020 - Sep 2020

- Investigated telemetry issues with Oracle SQL, JavaScript, and JSON, prepared technical documentation, and helped train incoming interns.

Education

SENAI | Degree in Systems Analysis and Development | Jul 2020 - Dec 2022

Languages

Portuguese: Native | Spanish: Advanced | English: Intermediate

Community

Instituto Manacá: Volunteer Front-End Tech Lead | Oct 2022 - Jan 2023

Atados: Volunteer Technology Mentor | Oct 2022 - Jan 2023