

Andre Ramos

Senior Fullstack Engineer

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SUMMARY

Senior Fullstack Engineer with 9+ years building Angular applications for enterprise users at scale, including Bradesco Seguros (insurance), AB InBev, and OdontoPrev. Specialized in Angular modernization, reusable component libraries, and Micro Frontends with Module Federation. Holds a postgraduate degree in Software Architecture and AI Solutions, with hands-on experience integrating LLM-based features (RAG, OpenAI/Anthropic APIs) into existing Angular + NestJS systems. Based in Brazil (UTC-3), comfortable with US Eastern timezone overlap.

SKILLS

Proficient: Angular (v8 to v19), TypeScript, Signals, Standalone Components, Module Federation, Nx Monorepo, RxJS, NgRx, Ionic, Capacitor (iOS/Android), Node.js, NestJS, Jest, Vitest, Jasmine, MySQL, PostgreSQL, Technical Leadership, AI-Augmented Development (Claude Code, GitHub Copilot, Codex, MCP).

Familiar with: React, Next.js, Vue.js, Flutter, Python, FastAPI, Laravel, Docker, AWS, Azure, GCP, Firebase, OpenAI / Anthropic APIs, RAG.

PROFESSIONAL EXPERIENCE

Independent Senior Software Engineer

Remote | Oct 2025 – Present

- Owning the full product lifecycle as solo engineer on a SaaS product built from scratch: Nx monorepo architecture, backend services, admin panel, customer-facing web app, and Flutter mobile apps.
- Built CI/CD pipelines with GitHub Actions including linting, automated testing, Docker image builds, and deployment to a private container registry | eliminating manual deployment work.
- Designed infrastructure with a reverse proxy and centralized gateway, isolating application servers and preparing the environment for future horizontal scaling.
- Developed backend services with NestJS including background workers and async message queues for reliable asynchronous processing.

Key Technologies: Nx, Angular, NestJS, Flutter, Node.js, Docker, GitHub Actions, CI/CD

Senior Software Engineer

Solutis Tecnologias, São Paulo, Brazil | Remote | Aug 2024 – Oct 2025

- Structured and developed an Angular monorepo library with Lerna, centralizing reusable

authentication and encryption modules adopted across multiple Bradesco Seguros apps, eliminating duplicated development across product teams.

- Contributed to a Proof-of-Concept validating Micro Frontends with Module Federation, paving the way for adoption in new and existing enterprise applications.
- Built a NestJS integration library wrapping one of the company's API Gateways, enabling other teams to consume gateway resources with automatic authentication and token management.

Key Technologies: Angular, Ionic, Node.js, NestJS, Vitest, Jest, Bamboo, Lerna, OAuth, JWT (JWE/JWS)

Tech Lead

Bit Health, Brazil | Remote | Jun 2023 – Jul 2024

- Built an internal technology team from the ground up, implementing SCRUM with ClickUp-based sprints that delivered clear delivery metrics and backlog traceability.
- Reduced app initial load time from 15s to 2s by optimizing MySQL queries, indexing critical tables, simplifying routes, and implementing Lazy Loading with NgRx for in-memory caching | directly improving user retention.
- Architected and built a microservice to centralize responsibilities previously duplicated across three monoliths, reducing code duplication and simplifying maintenance.
- Implemented automated deployments with GitHub Actions, accelerating product delivery and eliminating manual build/deploy work for the development team.

Key Technologies: Angular, Ionic, Laravel, MySQL, AWS, NgRx, RxJS, Firebase, GitHub Actions

Senior Fullstack Developer

Ambev Tech, Sorocaba, Brazil | Remote | Jun 2022 – Jul 2023

- Developed multiple features for an administrative panel using Angular and Python, contributing to individual and team deliveries for a core AB InBev product.
- Increased test coverage on new and existing features, improving code coverage metrics across the squad's tribe.
- Supported the team by resolving blockers through pair programming, allowing the tech lead to focus on non-routine priorities.
- Performed code reviews and investigated issues using DataDog and Snyk, addressing technical debt and updating vulnerable packages.

Key Technologies: Angular, Python, FastAPI, PostgreSQL, Azure, RxJS, Jasmine, Karma

Fullstack Developer

MJV Technology & Innovation, Curitiba, Brazil | Remote | Aug 2021 – Jun 2022

- Built facial recognition in the Bradesco Seguros Cliente app (IDWall integration) for fraud prevention in reimbursement flows.
- Developed BFF (Backend-for-Frontend) services consuming legacy SOAP services and delivering optimized JSON to the mobile app, reducing complexity for the mobile development team.
- Created reusable resources in internal Angular libraries (ng-packagr packages) centralizing common features across three apps.
- Conducted code reviews, supporting the team in adhering to design patterns and reducing technical debt.

Key Technologies: Angular 10, Ionic, Node.js, Express, NgRx, RxJS

Fullstack Developer

Bit Trainers, Brazil | Remote | Mar 2019 – Jul 2021

- Built the mobile MVP with Angular and Ionic from requirements gathering to delivery, including OAuth registration and video-based feature flows.
- Migrated the application across multiple Angular and Ionic versions while rebuilding the UI from a new Figma prototype, refactoring legacy code, and shipping new features.
- Developed integrations with partner ERPs through JSON APIs, reducing manual CSV-based imports by 90%.

Key Technologies: Angular, Ionic, Laravel, MySQL, DigitalOcean, NgRx, RxJS

Frontend Developer

Oni Marketing, Teófilo Otoni, Brazil | Jan 2017 – Nov 2018

- Developed 30+ institutional websites and 6 hybrid mobile apps (Angular/Ionic, one with React Native) for agency clients, applying SEO and page-load optimization.

Key Technologies: HTML, SCSS, JavaScript, Angular, Ionic, Bootstrap, React Native

EDUCATION

Postgraduate Specialization in Software Architecture and AI Solutions

XP Educação (IGTI), Brazil | Feb 2025 – Nov 2025

Bachelor's Degree in Information Systems

UniDoctum, Teófilo Otoni, Brazil | Jan 2015 – Dec 2021

LANGUAGES

Native Portuguese | Professional working proficiency in English