JONAS MESSIAS DE ANDRADE ALVES

Full Stack Developer | React, Angular, Node.js and Java
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SUMMARY

Full Stack Developer with experience in digital products in production, mainly with Node.js and React. I build APIs, interfaces and integrations, from implementation to testing and release. I also build personal projects with Java/Spring Boot and Angular and use AI as support, reviewing the result.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, SQL
Front-end: React, Next.js, Angular, RxJS, NgRx
Back-end: Node.js, NestJS, REST APIs, Spring Boot, Spring Security
Databases and cache: PostgreSQL, Redis
ORM and migrations: Spring Data JPA, Hibernate, Prisma, Flyway
Cloud, DevOps and observability: AWS (EC2, RDS, S3, SES), Docker, GitHub Actions (CI/CD), Sentry
Testing and quality: unit and integration tests, Jest, Vitest, JUnit 5, code review
Process and AI: Git, Scrum, Claude Code

PROFESSIONAL EXPERIENCE

Software Engineer Apr 2026 - Present
oSeuMáximo Ecosystem (EdTech) - Remote

- Built the core API and the 3 apps for students, teachers and admins, taking the education platform to production.
- Implemented billing in Brazil with up to 12x installments, PIX and boleto through InfinitePay, plus international recurring subscriptions in USD, EUR and GBP through Stripe.
- Fixed payment reconciliation and access-release failures, including the case where the payment was approved and the student stayed locked out.
- Built assisted sales over WhatsApp with PIX payment (public link with a QR code and receipt review in the admin panel).
- Refactored the most critical checkout use case with AI agents, from 994 to 184 lines, in 6 PRs protected by automated tests, splitting the rules into separately tested functions.
- Moved the student app from a no-code tool to our own API and brought over the live class scheduler data (906 time slots and 457 exported bookings), ending the company dependence on the vendor.

Front-End Developer Jan 2025 - Dec 2025
Agio - Hybrid Caratinga, MG

- Led 2 projects from start to delivery, a Next.js PWA web app and a React Native mobile app with Expo, managing 3 repositories, and contributed to 5 other team projects.
- Took part in code reviews, refinements and planning, on a team using agile methodologies.
- Turned Figma layouts into front-end technical requirements and reusable components.

Programmer Analyst Apr 2022 - Mar 2023
Versatec - On-site Caratinga, MG

- Delivered over 10 institutional websites in WordPress and PHP, from requirements to launch, with third-party integrations that removed manual steps for clients.

PROJECTS

Task Manager full stack - github.com/jonasmessias/spring-task-manager-api | Demo: task-manager-app-angular.vercel.app

- Kanban app with a Java 17 and Spring Boot API (JWT with refresh in Redis, Google login, S3, JUnit tests, AWS deploy) and an Angular 20 front end with Signals.

transacoes-simplificado - github.com/jonasmessias/transacoes-simplificado

- REST API in Java 21 and Spring Boot for transfers between users and merchants, validating balance, calling an external authorizer via OpenFeign and notifying, in a single transaction.

EDUCATION AND LANGUAGES

- **B.Sc. in Computer Science** - Rede de Ensino Doctum - Feb 2022 - Mar 2026 (completed).
- **Certifications:** Meta React Specialization (Meta, 2026) and Claude Code in Action (Anthropic, 2026).
- **Languages:** Portuguese (native); English (intermediate); Spanish (basic).