Enzo Bellussi Cruz Souza

Software Engineer | Front-end Architecture & Product Engineering
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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building and maintaining production web applications for enterprise clients in banking, retail, energy, mobility and payments. Strong in **TypeScript, React, Angular and Node.js**, with hands-on work across **REST APIs, PostgreSQL, AWS, Docker and CI/CD**. Technical owner for multi-client projects, from architecture and code review to accessibility, performance and deployment. Open-source maintainer of **ATLAS**, a live knowledge product with 1,318 entities, 12,000+ cited claims and 1,482 sources.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3.
Front-end / Frontend: React, Next.js, Angular, RxJS, Vue.js, Tailwind CSS, SASS/SCSS.
Back-end / Backend: Node.js, NestJS, REST/RESTful APIs, PostgreSQL, Prisma, Drizzle, ASP.NET MVC, microservices.
Cloud & DevOps: AWS (Amazon Web Services, S3), Docker, GitLab CI/CD, GitHub Actions, Vercel, Cloudflare, Git.
Engineering: Design Systems, state management, web performance (Core Web Vitals), WCAG accessibility, technical SEO, test automation (Vitest, Playwright, axe), code review, Agile/Scrum.
AI & Quality: AI-assisted software development, LLM code review and test generation, schema validation with Zod.

PROFESSIONAL EXPERIENCE

MarketData Aug 2024 – Present
Mid-level Software Engineer (Front-end) São Paulo, Brazil

- Build and maintain **Angular and React SPAs** for enterprise clients across retail, energy, mobility and payments, including Natura, Nissan, Dexco, RecargaPay, Patriá and Visa network testers.
- Promoted to mid-level (Pleno) in 2026. **Technical owner** for Dexco and RecargaPay: architecture decisions, delivery, production support and collaboration with product, design and back-end teams.
- Integrate front-end with **REST APIs and ASP.NET MVC** back-ends; serve static assets from **AWS S3**.
- Modernize legacy jQuery code, implement **WCAG**-accessible interfaces and technical SEO, and monitor **GitLab CI/CD** pipelines.
- Build reusable components and Design System patterns with **Tailwind CSS and SASS** across multi-brand products.

Banco do Brasil Oct 2022 – Aug 2024
Software Engineer Intern (Front-end) São Paulo, Brazil

- One of the main front-end developers on the internal portal of the International Business Unit, a critical system for the bank's international operations.
- Rebuilt a legacy system in **Vue.js** with a reusable component architecture and an internal **Design System**.
- Integrated **Node.js microservices** and handled complex data in the presentation layer.
- Improved loading performance and cross-browser/device compatibility; participated in code reviews and Scrum ceremonies.

SELECTED PROJECTS

ATLAS | Open source | atlas.bellussi.dev | github.com/bellussi1/ATLAS

- Open-source encyclopedia on a typed knowledge graph: **1,318 entities, 12,146 cited claims, 1,482 sources and 3,125 typed relations**, each claim classified as documented fact, attributed thesis, interpretation or contested claim.
- **Angular 21** with Signals and prerendering, strict TypeScript and Zod-validated content; reproducible Wikimedia ingestion and content-addressed releases (SHA-256) on Cloudflare R2; LLM-assisted extraction that keeps only verbatim citations and never publishes on its own.
- Bilingual UI (PT-BR/EN), accessibility and end-to-end testing with **Playwright and axe**; architecture boundaries enforced with ESLint.

KOReader Ecosystem | Open source | github.com/bellussi1/koreader-ecosystem
Local-first Windows companion for Calibre, KOReader and Hardcover; Electron, React, TypeScript and Python.
Developer CLIs | Open source | Deploy Preflight, Local Webhook Recorder and Compose Doctor
TypeScript and Node.js tools for deploy validation, webhook replay and Docker Compose diagnostics, with automated tests and CI.

EDUCATION

B.Sc. in Computer Science Jan 2022 – Dec 2025
Universidade FAM São Paulo, Brazil

LANGUAGES

Portuguese: Native **English:** B2+ (professional working proficiency)