

Luiz Fernando Witt

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- Product-minded experienced full stack engineer focused on scalable B2B SaaS and internal platforms, with end-to-end ownership from architecture to production across React/TypeScript and Python/Node stacks.
- Led backend modernization from legacy PHP to FastAPI, reducing latency by 60%+ and supporting enterprise integrations processing 20k+ monthly records.

WORK EXPERIENCE

Full Stack Engineer

Nov 2024 - Present

Carbon Free Brasil (B2B SaaS serving 200+ enterprise clients (e.g., John Deere, Heineken, Coca-Cola, McDonald's), \$1.5M+ ARR)

- Spearheaded the migration from a legacy PHP monolith to a modular FastAPI microservices pattern, integrating automated testing to ensure system stability (80% bug reduction) while cutting response times by 60% and delivery cycles by 90%.
- Reduced manual operational effort by 90% and optimized document processing time from 9s to <1s by architecting an event-driven serverless pipeline (AWS Lambda/Python) for real-time GHG calculations and PDF generation.
- Automated complex data ingestion workflows for enterprise integrations, reducing manual input time from 45 minutes to under 5 minutes per session and eliminating recurring data entry errors through robust validation logic.

Frontend Developer

Set 2023 - Nov 2024

Manchester Investimentos (Wealth management firm with \$4B+ AUC and 200+ advisors, supported by internal CRM)

- Unblocked \$1M+ in monthly portfolio simulations and eliminated manual reconciliation errors by optimizing financial processing engines and real-time simulators using Node.js and React.
- Architected and built a ~70 MAU partner portal with automated PIX payments (Node.js, Next.js, AWS), processing \$100K+ monthly and eliminating manual reconciliation, saving ~20 hours/month for the finance team.
- Engineered a high-performance frontend architecture and shared component library, doubling feature delivery speed and reducing production bug incidence by implementing Playwright E2E testing for a 14K+ client base.

Frontend Developer (Early-stage Startup)

Jan 2023 - Aug 2023

Lize (B2B SaaS automating social media publishing workflows, ~2,000 MAU – *Note: Company ceased operations in late 2023*)

- Architected and launched the MVP from 0 to 1 as a founding engineer, implementing an AI-driven content engine using Vue.js and Django.
- Developed an auto-pilot Instagram publishing feature via Facebook API that automatically delivered personalized scheduled content, improving efficiency for 200+ users.
- Designed and implemented an SVG-based brand template editor using Vue.js, enabling the sales team to generate client-branded assets in minutes instead of hours and improving deal velocity through self-service customization.

TECHNOLOGIES AND LANGUAGES

- **Frontend:** React, Next.js, TypeScript, Vue, Storybook, Playwright
- **Backend:** FastAPI, Node.js, Express.js, Django
- **Architecture:** REST APIs, Microservices, CI/CD, Clean Architecture, Test Automation
- **Cloud & DevOps:** AWS (Lambda, EC2, S3), Docker, Kubernetes, GitHub Actions, ArgoCD
- **Databases:** PostgreSQL, MySQL, SQL Server
- **Monitoring & Analytics:** Sentry, PostHog, Metabase

EDUCATION

- **AWS Certified Cloud Practitioner**, Amazon Web Services.

Mar 2024