

João de Freitas Branco

Full Stack & AI Engineer

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SUMMARY

Full stack and AI engineer who ships production software end to end. Co-founder of a legal AI SaaS built solo across product and infrastructure, reaching over 1,000 users within months of launch. Experienced delivering cloud systems in a professional engineering team, and open to remote roles across global time zones.

EXPERIENCE

Zoi Lisbon, Portugal (Hybrid)

Full Stack Engineer Sep 2025 - Present

- Build and maintain full stack features for a cloud based skills management platform used by internal enterprise teams, in TypeScript, Node.js, and React.
- Provision and operate AWS infrastructure as code with SST and Pulumi across DynamoDB, Lambda, and CloudWatch.
- Use Claude and AI assisted code generation to accelerate feature delivery, scaffold new functionality, and speed up development across the platform.

VForge Remote

Contributing Spec Coding Engineer Feb 2026 - Present

- Contribute to an AI orchestrated prototype generation platform, building spec coding pipelines that turn structured specifications into working software.
- Implemented autonomous closed loop error correction and ontology to screen generation workflows using Claude and MCP, over a Kafka and Flink real time data architecture powering digital twin systems.

KPMG Lisbon, Portugal

IT Audit Analyst, Controls & Processes 2024 - 2025

- Analyzed and documented key control processes across client organizations within the IT audit team.

PROJECTS

TogaAI | Legal AI SaaS (togai.pt) Co-Founder · Mar 2026 - Present

- Built and launched a legal AI SaaS for Portuguese lawyers single handedly, owning the full stack from product design to infrastructure.
- Grew the platform to over 1,000 registered users and 50 daily active users within months of launch.
- Developed the entire product with AI assisted engineering on Supabase, Stripe, and Vercel, integrating LLMs for legal research and document workflows.

Basho Labs | Blockchain & Web Development Node.js, Python, Cardano

- Developed memecoin trading bots on the Cardano blockchain for high velocity on chain trading, alongside Discord and Telegram bots for automation and community interaction.
- Built a trading platform on the Cardano ecosystem that reached over 600 users.

EDUCATION

ISCTE University Institute of Lisbon Lisbon, Portugal

MSc in Data Science Sep 2024 - Present

BSc in Computer Science Sep 2021 - Jul 2024

SKILLS & CERTIFICATIONS

Languages: Python, TypeScript, JavaScript, Java, C#, C, SQL

Frontend: React, Next.js, Tailwind CSS, HTML, CSS

Backend & Cloud: Node.js, AWS, Supabase, Vercel, Stripe, SST, Pulumi, DynamoDB, PostgreSQL

AI & Data: LLM integration (Claude, OpenAI, Mistral), RAG, prompt engineering, Kafka, Flink, PyFlink

Tools: Git, GitHub, Docker, Linux, Figma

Certifications: AWS Certified Cloud Practitioner, Anthropic Claude

Spoken: Portuguese (native), English (C1, professional), German (A2)