

CONTACT

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PROFESSIONAL  
EXPERIENCE

Full Stack Developer Intern | Aug 2025 – Feb 2026

GM Flow

- Solely architected and developed an AI-powered contract automation platform using **Next.js** (full-stack with **Server Actions**), integrating **OpenAI** and **Gemini APIs** to generate structured contract drafts from meeting transcripts.
- Designed a prompt-engineered workflow enabling HR teams to upload transcripts (local or Google Drive) and auto-generate editable boilerplate contracts, reducing manual drafting effort by ~50%.
- Implemented secure (**BetterAuth**), company-scoped dynamic contract pages (e.g. /companyname) with authentication, role-based access control, and **NeonDB** (**PostgreSQL**) backed data modeling to ensure client data isolation.
- Presented technical demos and proposed **AI integration** strategies to leadership, translating manual HR processes into a scalable, AI-assisted workflow.

PROJECTS

jprac

<https://jprac.xyz>

- Built a Japanese practice app using **Next.js** and **Upstash Realtime** for low-latency game state synchronization.
- Engineered an **ElysiaJS** backend, supported by **Redis**, using Lua scripts for fast thread-safe lobby logic and player session persistence.
- Designed a responsive interface with **TailwindCSS** and **shadcn/ui**, featuring a fuzzy-searchable Japanese character encyclopedia.
- Managed complex async states and multiplayer event flows using **TanStack Query** and custom **React** hooks.

Rafael Witt

<https://rafaelwitt.com>

- Developed a responsive, type-safe landing page for him using **Next.js** and **TypeScript**, delivering a high-performance, production-ready experience optimized for accessibility and engagement, as a freelance job.
- Architected a scalable, modular component system with **TailwindCSS** and **shadcn/ui**, ensuring design consistency and enabling efficient feature expansion across the application.
- Built a secure, custom admin dashboard with role-based access control using **BetterAuth** and a **SQLite** database hosted on **Turso**, empowering the client to independently manage and update site content.

EDUCATION

FCT – Universidade NOVA de Lisboa | Sep 2024 – Jul 2027

Bachelors in Computer Science

IST – Universidade de Lisboa | Sep 2020 – Jul 2024

Bachelors in Biomedical Engineering