Miguel de Sousa Lourenço

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🔗 miguel-sousa-lourenco.cv in Miguel Lourenço

PROFESSIONAL EXPERIENCE

Freelance Developer   02/2025 – Current │ City: Lisbon

DevOps & Infrastructure Management:
- Implemented comprehensive CI/CD pipelines across all projects using **GitLab**
- Established custom local runners for cost-efficient operations and optimised build processes
- Managed deployment strategies for static sites hosted on **GitLab Pages**
- Configured automated testing, linting, and type checking workflows

Technical Leadership:
- Architected scalable solutions using modern tech stack (**Next.js**, **React**, **TypeScript**, **Tailwind CSS**)
- Designed and implemented reusable component libraries and design systems
- Established coding standards, project structure guidelines, and development workflows
- Mentored and guided development processes across multiple simultaneous projects

Fullstack Developer, *at Binedge*   11/2023 – 01/2025 │ City: Lisbon

Full Stack Development and System Architecture:
- Designed secure APIs for processing sensitive data using **Node.js**, **Python** (FastAPI) and **Rust** (Axum), promoting latency minimisation
- Integration with high-performance databases such as **PostgreSQL** (Supabase), ensuring scalability
- Coordination and integration of UI components for new features, maintaining high-quality standards
- Development of **React** applications with **Next.js**

Innovation and Product Development:
- Main contribution to the development of a chat application similar to Claude.ai for local LLM servers and a document translator
- Active participation in brainstorming sessions for UI/UX solution innovation
- Development of research methodology for identifying and integrating useful projects and tools

Entry Controller, *at Davis Cup*   01/2015 – 01/2017 │ City: Lisbon
- Managed spectator entry and crowd control during high-profile tennis tournaments
- Coordinated with event staff to maintain smooth spectator flow

EDUCATION AND FORMATION

Integrated Masters in Computer Engineering, *Faculdade de*   09/2016 – 11/2023
Ciências e Tecnologia da Universidade Nova de Lisboa

LINGUISTIC SKILLS

Portuguese	**English**	**Spanish**
Native	Proficient	Conversational