Francisca Almeida

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Full-stack developer experienced in building scalable web applications and transitioning manual workflows into automated architectures. Strong foundation in backend systems, DevOps tooling, and technical leadership.

Education

Instituto Superior Técnico — Lisbon, Portugal
Master of Science in Computer Science and Engineering — *Sept. 2025 – Present*

Instituto Superior Técnico — Lisbon, Portugal
Bachelor of Science in Computer Science and Engineering — *Sept. 2022 – July 2025*

- **Year Delegate** (2022 – 2024): represented students in academic councils; re-elected in the 2nd year with the **highest number of votes** among all students at the college.

Experience

Developer — May 2026 – Present
ThinkOpen Solutions — *Lisbon, Portugal*

- Developer on the **Odoo migrations** team, focused primarily on testing with additional production support across the full migration lifecycle.
- Executed **go-lives**, pre-production environment setup, module upgrades, testing, and bug fixing for Odoo migration projects.
- Automating test planning, execution, and reporting workflows using **AI agents**.
- **Stack:** Python, Odoo, PostgreSQL, XML.

Data Management Intern — Aug. 2024 – Nov. 2024
Micro Harvest — *Lisbon, Portugal*

- Architected and deployed a centralized internal dashboard that slashed data processing latency for the operations team by automating Excel-based workflows.
- Developed custom data entry and report generation modules, significantly improving **scalability and usability** of internal data operations.
- **Stack:** Next.js, FastAPI, Docker, SQL, Python.

Extracurricular Activities

SINFO (Tech Conference) | *Full-Stack Developer & Team Leader* — May 2024 – Jul. 2026

- Led the development team in maintaining the official web app for **1400+ users**; integrated **Grafana** dashboards for real-time attendee analytics.
- Led the complete architectural rebuild of the official SINFO website (**Next.js, TypeScript**), reaching **14.3k+ visits** during the event month and 6,000+ visits/month since; engineered a custom referral-tracking system integrated with Grafana for real-time marketing attribution.

Web.Dev (AeroTéc) | *Web Developer & Coordinator* — Oct. 2023 – Aug. 2025

- Coordinated technical workshops and built internal recruitment/admin tools using **Express.js** and **MongoDB**.

NEIIST (CS Student Org) | *Web Developer & Coordinator* — Mar. 2024 – Aug. 2025

- Developed an end-to-end e-commerce merch sales page (**React**/**PostgreSQL**) that processed over **220 customer orders**.

Open Source

Inbox Zero | *Pull Request (Merged)* — May 2025

- Improved UI consistency and addressed accessibility concerns in the task management interface.

Technical Skills

Languages: TypeScript, JavaScript, Python, Java, C/C++, SQL
Frameworks: Next.js, React, Node.js, Express.js, Vue.js, FastAPI, Spring Boot, Tailwind CSS
Tools & Concepts: Docker, Git, Grafana, Figma, REST APIs, CI/CD, Agile (Scrum)
Databases: MongoDB, MySQL, PostgreSQL, Firebase

Languages

Portuguese: Native
English: Full Professional Proficiency (C1)