

Pedro Miguel

Fullstack Engineer

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WORK EXPERIENCE

D2X **26 Feb 2025 – Present**
Fullstack Engineer *Amsterdam, NL*

- Implemented a multi-currency settlement system in **Rust**, implementation of API's with Rust **Axum** to integrate with multiple financial institutions.
- Developed and maintained **PostgreSQL** databases, optimizing for high-frequency transaction processing and data integrity

D2X **26 Feb 2024 – 2025**
Junior Frontend Engineer *Amsterdam, NL*

- Built cross application components using **Typescript**, **Next.js** and **Material UI** to project requirements.
- Integrated **AWS SDK** for Cognito user management and developed REST-API endpoints.
- Implemented **PostgreSQL** database schemas for multiple business domains.

D2X **21 Aug 2023 – 21 Feb 2024**
Frontend Engineer Intern *Amsterdam, NL*

- Built a member portal dashboard using **Typescript**, **Next.js** and **Material UI** to provide client's access to their data and services within the exchange.
- Worked with **Cypress** for automated testing, ensuring functionality and reliability across web applications through streamlined processes.
- Utilized **Git** for version control, employing branching, pull requests to facilitate collaboration and maintain code integrity across complex workflows.

Mellody **1 Sep 2022 – 31 Oct 2023**
Junior Frontend Developer *Lisbon, PT*

- Built 20+ UI pages using **React**, **JavaScript** and **Tailwinds** for **CSS** for a better **UX**.
- Designed a comprehensive system, utilizing Figma to ensure consistency and scalability across assets and interfaces.
- Developed a **REST-API** with Node.js, Express.js, for a Web3 platform that sold tickets as NFTs.

EDUCATION

IADE **Graduation Jul 2023**
Bachelor in Creative Technologies (IT) *Lisbon, PT*

- 17/20 GPA

SKILLS & INTERESTS

- **Skills:** Rust, TypeScript, PostgreSQL, Next.js, React, Node.js, AWS SDK, Docker, Git, Axum, Material UI, Tailwind CSS, Cypress, Express.js, REST APIs, CI/CD
- **Interests:** Rock climbing; Cycling; Traditional Printing;