

Pedro Silva

Frontend Developer



📍 Porto

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Profile

I'm a Front-End Developer with over four years of experience.

Focused on building intuitive, dynamic, and high-performance user experiences. Passionate about UI effects, animations, and creating seamless interactions. Experienced in developing scalable and responsive applications, ensuring usability and efficiency across different platforms.

Professional Experience

06/2023 – present
New York, USA

Full-Stack Developer, Aptivio (front-end focus)

- **Co-led the development of a new React application from scratch**, delivering a modular, scalable architecture integrated with **AI-powered agents**, and designed for production-level stability.
- Created a complete **design system and reusable component library**, using **Storybook** for component isolation and documentation, and **Vitest** to ensure robust test coverage across all UI elements.
- Built and maintained **Google Chrome Extensions**, implementing key features through **HTML injection** and real-time API interactions.
- Took ownership of **integration pipelines**, ensuring smooth and secure communication between external platforms and internal services.
- Led the development of **custom bots for Microsoft Teams and Slack**, covering both **backend logic** (using .NET/Azure Functions) and **frontend presentation layers**.
- Contributed backend features in **.NET and Azure Functions**, supporting API integration and frontend functionality as needed.
- Designed and maintained **CI/CD pipelines** for bot applications using GitHub Actions, automating PR validation, testing (Vitest), and deployment flows.
- Collaborated in an agile team environment to ship **high-quality, scalable solutions**, while participating in code reviews and architecture discussions.

Tech Stack: React, TypeScript, .NET, Azure Functions, Microsoft Teams Toolkit, Slack API, Chrome Extensions, Storybook, Vitest

01/2021 – 06/2023
Porto, Portugal

Full-Stack Developer, Losch Digital Lab

- Participated in the development of the company's **first project to reach production**, a vehicle customization tool **adopted nationwide in Luxembourg**, marking a key company milestone.
- **Implemented responsive user interfaces and animations** based on designs provided by the UI/UX team, ensuring pixel-perfect execution and performance across devices.
- **Migrated the application** from Sapper/JavaScript to a modern **SvelteKit + TypeScript** architecture, improving scalability and developer experience.
- Developed and maintained a comprehensive library of reusable frontend components, enhancing maintainability and UI consistency.
- Collaborated closely with backend engineers to integrate the frontend with Golang and MongoDB APIs, enabling real-time, interactive features.
- Mentored junior developers, participated in code reviews, and helped foster a strong engineering culture.
- Contributed to agile planning and estimation, working cross-functionally with designers and product owners.

TechStack:

- SvelteKit, TypeScript, JavaScript, Golang, MongoDB, HTML, CSS, Vitest

Education

2016 – 2020
Felgueiras, Portugal

Degree in Software Engineering,

Escola Superior de Tecnologia e Gestão - IPP

During my academic year, I had the opportunity to learn and be in contact with new technologies like Angular, React, C, .Net Core, Java, Node.js, and some databases (MongoDB, SQL, and Neo4j).

Also, have created several projects with small teams and even alone which helped me to develop some soft skills like communication, teamwork, resourcefulness, and adaptability.

Projects

Final degree project, Literature review app

This project developed during my final academic year had the ambition to support the researchers in their literature review.

The final implementation addresses requirements such as:

- Integrate Mendeley API to import/export documents
- Create groups of data based on imported or created data
- Create relations between data

- Display graphs and all connections between all data produced by the user
- Generate metrics based on relations

TeckStack:

Angular, Node.js, Express, Neo4j, HTML5, CSS3, JavaScript

Skills

- | | | | |
|-----------|--------------|--------------|--------------|
| • React | • Svelte | • Typescript | • Javascript |
| • Angular | • Vue | • Golang | • NodeJS |
| • Java | • HTML5/CSS3 | • Sass | |

Professional Traits

Known for strong communication and collaboration skills, with a proven ability to work effectively in team environments. Comfortable receiving and incorporating feedback, resolving conflicts constructively, and maintaining a positive, solution-focused attitude. Quick to learn new technologies and adapt to changing project needs.

Languages

- English
- Portuguese