

Personal Website

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Location

Berlin, Germany

Citizenship

Portuguese



João Abel Almeida

I'm working as a front end engineer, with full-stack experience and an educational background in computer science and software engineering.

I focus on UX, accessibility, performance, and maintainability.

Most of my experience has been in e-commerce: creating internationalized, high-traffic consumer-facing web shops as well as content-management systems for the business owners. I have maintained open-source projects including a component library and worked closely with designers around design systems.

My top skills are React, Javascript and CSS-in-JS.

I also have professional experience with Node, Typescript, Redux, GraphQL, testing-library, Cypress and Storybook.

WORK EXPERIENCE

- **Frontend Engineer @ [OptioPay Group](#)** (Feb 2021 – Jul 2021)

Started a new React project: a payments & open-banking white-label web app designed to be a mobile-first experience leveraging PWA capabilities, consuming a gRPC-based internal API. Created a component library repository for shared UI components + Storybook. Also worked on the new B2B management portal which provides content for the web app.

- **Frontend Engineer @ [commercetools GmbH](#)** (Feb 2019 – Jan 2021)

Worked on a vertical team developing for the Merchant Center: an internationalized, extensible large scale e-commerce management system. It's a React application which consumes REST and GraphQL APIs with Apollo. All pushed code is tested and code reviewed.

Later, I also became a maintainer for [UI-Kit](#): an open-sourced library of shared React components used by the Merchant Center. It's a lerna mono-repo with a Storybook page. In addition to testing-library, components are also tested visually through Percy with Puppeteer.

Other contributions I made in the company include onboarding and mentoring new colleagues,

conducting technical interviews, and giving knowledge-sharing presentations.

Core Skills Developed:

React, Apollo, CSS-in-JS, Typescript, testing-library, Cypress

- **Software Engineer @ [MOXY](#) (May 2017 – Jan 2019)**

Part of a web development team that created internationalized, responsive and fully accessible e-commerce web apps for globally renowned luxury fashion retailers, which are currently in production and involve millions of visitors and transactions.

Also took part in the development of other smaller projects such as the company [website](#), simple web-services, and R&D on some of the novelties of the Web, such as Service Workers, PWAs, etc.

Core Skills Developed:

React, Redux, ES6, Node, Jest, Enzyme, Storybook, Responsiveness, A11y

- **Full-Stack Developer (Part-time) @ [APiS Technology](#) (May 2016 – Apr 2017)**

Small IoT startup for creating Smart Hives for Apiculture.

Core Skills Developed: Node, AngularJS, MongoDB, Git, HTML, CSS.

- **Backend Engineering Intern @ [Blip](#) (Summer Internship, Jul 2014 – Sep 2014)**

Developed a small Node service to be used as an interface to an ElasticSearch server.

EDUCATION

BSc Computer Engineering - 2015

University of Aveiro – Aveiro, Portugal

Main Industry Skills Learned:

- Core Programming Languages and Concepts:
 - **Java** - OOP, Distributed Systems and Software Engineering
 - **Python** - Scripting and Functional Programming
 - **C** - Algorithms & Optimization and Embedded Systems (also with Assembly language)
 - Databases (SQL and NoSQL) and Search Engines (Elastic, Solr)
 - Computer Networking (across all layers)
 - Security (Cryptography, securing networks and identifying vulnerabilities)
 - Visual Computing (OpenGL)
 - Linux Server System Administration (Automation, Monitoring and Load Balancing)
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