

# Bruno Camarneiro

## Frontend Team Lead

✉ Porto Metropolitan Area, Portugal ✉ bruno@camarneiro.com  linkedin.com/in/brunocamarneiro  github.com/bcamarneiro

## Professional Summary

Frontend Team Lead with 10+ years building web applications for international clients across e-commerce, IoT, and Web3. Currently leading a 7-engineer frontend team working with micro-frontend architecture, Lit web components, and TypeScript. Track record of delivering high-performance applications (improved Lighthouse scores from 30 to 90+), building testing practices from scratch, and mentoring developers across distributed teams in US, EU, and LATAM time zones. Strong expertise in React, Next.js, and TypeScript with growing focus on AI-integrated applications.

## Experience

### Frontend Team Lead

PrimeIT · Porto, Portugal

Jun 2025 - Present

Managing technical architecture, sprint planning, and performance reviews for frontend team on enterprise consulting project.

- Set up code review standards and defined technical decision-making process for the team
- Configured Jest and Playwright testing with CI/CD pipelines in GitLab
- Mentoring engineers on TypeScript patterns, web components, and system design

*Lit, TypeScript, Micro-frontends, Team Leadership, Mentoring*

---

### Senior Software Engineer

Fleek · Remote

Dec 2024 - May 2025

Built user interfaces for decentralized hosting platform. Worked async across US, EU, and LATAM time zones. Company had 95% workforce reduction during restructuring.

- Improved homepage Lighthouse score from 30 to 90+ by optimizing images, converting animations to WebM, adding lazy loading, and splitting bundles per page
- Built AI chat interfaces using LangChain and Eliza frameworks; published npm package (@fleek-platform/agents-chatbox-widget) for embeddable chatbots
- Developed UI component library and state management with Zustand

*React.js, Next.js, Zustand, Tailwind CSS, TypeScript, LangChain, Eliza*

---

### Senior Software Engineer

Carbonify GmbH · Frankfurt am Main, Germany

Aug 2023 - Nov 2024

Built web applications for carbon certificate cashback platform, both as main product and white-label solution for partners like ADAC (Germany's largest automotive club).

- Built vehicle submission and tracking dashboard with Next.js; achieved Lighthouse 90+ and WCAG 2.1 AA accessibility
- Set up testing with Jest and React Testing Library from scratch
- Improved Core Web Vitals and implemented SEO best practices

*Next.js, TypeScript, Tailwind CSS, React.js, Jest, Testing Library*

---

### Senior Frontend Engineer

Craftable Software · Porto, Portugal

Jun 2021 - Jul 2023

Delivered enterprise-grade frontend solutions for major international clients including Vodafone Germany, Ibersol Group, and Dreamlines cruise platform.

- Architected WordPress to React migration for Dreamlines cruise platform (product pages, homepage, cart), improving load times by removing Cloudflare Worker middleware
- Established testing strategy with Jest, Testing Library, and Cypress improving code reliability across team
- Mentored 2-3 junior developers on React patterns and conducted technical interviews for engineering candidates

*React.js, styled-components, Redux.js, Testing Library, Scrum, Git, REST APIs, Jest, Cypress, TypeScript, JavaScript*

---

## Senior Frontend Engineer

Mindera · Porto, Portugal

Jun 2019 - Jun 2021

Contributed to frontend development for Anova's IoT petrochemical monitoring platform and YOOX Net-a-Porter's luxury e-commerce site (The Outnet).

- Implemented micro-frontend modules for Anova's IoT platform and real-time dashboard monitoring petrochemical sensors
- Shipped features for The Outnet e-commerce platform integrating CoreMedia CMS
- Reduced frontend bundle size for The Outnet content pages (homepage, blog, articles) through strategic code-splitting and lazy loading

*React.js, Redux.js, Webpack, Git, REST APIs, E2E, Unit Testing, Jenkins, TypeScript, JavaScript*

---

## Frontend Engineer

Mindera · Porto, Portugal

Oct 2017 - Jun 2019

Built POC for Plinth (real estate crowdfunding startup), migrating from Angular 4 to React. Worked on AngularJS to React migration for Statful monitoring platform.

- Successfully migrated applications from Angular/AngularJS to React
- Applied testing strategies with Selenium, Cypress, and Jest

*React.js, Agile Methodologies, HTML5, Git, REST APIs, Jest, Front-End Development, Jenkins*

---

## Skills

**Frontend:** React, Next.js, TypeScript, JavaScript (ES6+), Lit Web Components, HTML5, CSS3, Tailwind CSS, styled-components, Redux, Zustand, React Query, REST APIs, GraphQL, WebSockets, Micro-frontends, System Design, Performance Optimization, Code Splitting, Lazy Loading, SEO, Core Web Vitals, Accessibility (WCAG 2.1)

**Testing:** Jest, React Testing Library, Playwright, Cypress, E2E Testing, Unit Testing, Integration Testing, TDD

**DevOps & Cloud:** Git, GitHub Actions, GitLab CI, Jenkins, CI/CD, Docker, Docker Compose, Webpack, Vite, Vercel, AWS (IAM, S3, SES), Datadog, PostHog, Google Analytics

**Leadership & Other:** Team Leadership, Technical Mentoring, Code Review, Agile/Scrum, Async/Remote Work, Stakeholder Management, LangChain, AI Integration, Web3, Decentralized Apps

## Education

### Master's degree, Artificial Intelligence Engineering (Evening program)

Instituto Politécnico do Porto · Porto, Portugal

2025 - Present

---

### Bachelor's degree, Computer Software Engineering

Instituto Superior de Engenharia de Coimbra · Coimbra, Portugal

2009 - 2013

---

## Projects

### Fleek Agents Chatbox Widget

[Live →](#)

Embeddable chat widget for AI-powered chatbots built on the Eliza framework. Published as npm package for customer chatbot deployment.

- Published npm package for embedding AI chatbots
- Built for Fleek's AI agents platform

React TypeScript Eliza

### Job Sentinel

[Code →](#)

LLM-powered job search automation tool built as a meta-experiment: using AI-assisted development to build an AI-powered application. Features multi-agent LangGraph workflow for job scraping, parsing, and matching.

- Multi-agent LLM workflow with parser, matcher, coordinator, and discovery agents
- Clean Architecture with 14.7K LOC across domain, application, and infrastructure layers
- Support for 4+ job board platforms (Greenhouse, Lever, Workable, BambooHR)
- 88+ tests with comprehensive unit and integration coverage

Python LangGraph Ollama Streamlit SQLAlchemy Playwright

## Jira Timesheet Report

[Code →](#)

Browser-based time tracking dashboard that integrates with Jira to display, filter, and export team worklogs in a calendar view. Runs entirely in the browser with no backend required.

- Calendar view with monthly worklog visualization and team overview
- CSV export for individual or bulk timesheet reports
- Offline development mode using MSW for API mocking
- Retroactive worklog detection for past-dated entries

React TypeScript Zustand Rspack Vitest Playwright MSW

## Languages

Portuguese (Native) · English (Fluent)