

Dan Lourenço

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SUMMARY

Dynamic Senior Software Engineer with 12 years of experience specializing in frontend architecture and development. Proven technical leader, boosting productivity and code quality through mentorship and creative solutioning, resulting in engaged, highly-productive teams. Seeking to leverage expertise in modern web development in a role that drives innovation, accessibility, and exceptional user experience across digital platforms.

EXPERIENCE

Architect

Slalom Build

January 2022 – August 2025, Boston, Massachusetts

- Lead technical architecture decisions and guide engineering teams on complex modernization projects. Design scalable solutions for enterprise clients while mentoring senior developers and establishing technical standards.
- Led technical strategy and engineering management for a major American bank, streamlining financial instrument developer workflows through modern SPA self-service web application, cutting approval times and boosting operational workflow efficiency.
- Delivered AI-powered search and document summarization tools for a leading consulting firm, leveraging React, Redux, RTK Query, and OpenAI to enhance internal research capabilities.
- Directed performance optimization for a national restaurant chain's digital platform, implementing Nuxt 3, MapLibre, and advanced image optimization to achieve a 50% page load improvement across hundreds of locations.
- Architected and implemented an internal generative AI WYSIWYG microsite builder, enabling no-code site creation and accelerating delivery of marketing and internal campaigns.

Senior Software Engineer

Slalom Build

May 2019 – January 2022, Boston, Massachusetts

- Led frontend team at a Fortune 500 financial services firm, improving productivity and code quality through mentorship, standardized development practices, and adoption of robust testing frameworks.
- Developed accessible, compliant micro-frontend UI components for a federal agency, accelerating benefits processing for millions of citizens while meeting stringent federal accessibility standards.
- Contributed to the development of a New England energy provider's custom order management application, used by customer support representatives for the triage and management of customer orders. Technology used includes React, Redux, GraphQL, Modern Javascript (ES6+), Jest.

Consultant

Slalom

October 2016 – April 2019, Portland, Oregon

- Delivered full-stack solutions for enterprise clients across various industries. Collaborated with stakeholders to translate business requirements into technical solutions using modern JavaScript frameworks.
- Served as founding frontend engineer and platform architect for a global athletic apparel company, launching a new e-commerce platform that generated \$300K+ in revenue during initial campaigns through modern JavaScript frameworks and integrated campaign management systems.

Senior UI Engineer

McGraw-Hill Education

August 2015 – October 2016, Boston, Massachusetts

- Enhanced test creation user flows for EZTest Online by leveraging Ember.js, HTML5, and JavaScript, ensuring seamless assessment management for educators.
- Refactored legacy client-side code to align with an upgraded Ember.js release, improving maintainability and performance of the application.
- Collaborated with cross-disciplinary teams to refine user interface elements, ensuring seamless integration with existing assessment tools through unit testing and continuous integration using qUnit, Jenkins, and TravisCI.

Senior Interactive Developer

Sapient Global Markets

December 2013 – July 2015, Boston, Massachusetts

- Leveraging front-end engineering experience to deliver cutting-edge, enterprise-level web applications for financial services clients in the Greater Boston area.
- Contributed to cross-functional agile team building new user interfaces and refactoring legacy components for a wealth management platform using JavaScript, HTML and CSS.
- Rewrote the Accounts & Portfolio page for a major fintech client as part of a cross-functional UX team, utilizing responsive design patterns and enforcing accessibility guidelines with HTML5, CSS3, and JavaScript.

EDUCATION

Bachelor of Arts, Business Management, Information Technology

Emmanuel College • Boston, MA

COURSEWORK

Web Application Development

Discrete Math

Boston University • 2011

Data Structures with Java

Boston University • 2010

Computer Systems and Organization

Boston University • 2010

Intro to Computer Science w/ Java

Boston University • 2010

Computer Networks

Boston University • 2010

SKILLS

Front End: HTML, CSS, JavaScript, TypeScript, React, Next.js, Vue, Nuxt 3, Svelte, Astro

Backend: AWS Lambda, Express.js, Fastify, Hono, Drizzle, Cloudflare D1, Postgres, Drizzle, Cloudflare R2, AWS S3, AWS API Gateway

Technical Skills: AWS Lambda, CloudBees, Cloudflare Workers, Cloudflare D1, Cloudflare R2

Languages: English, Portuguese
