

Brian Poblete

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PROFESSIONAL EXPERIENCE

Front End Engineer

June 2025 – Present

Amazon Finance Automation (FinAuto) - [TypeScript](#), [React](#), [Cypress](#), [Jest](#), [AWS](#)

- Collaborated with cross-timezone teams to build and update an internal email application used by financial analysts across the globe.
- Parallelized Cypress E2E tests for micro-frontend-based React application and decreased runtime by 50%.
- Implemented lazy-loading for React micro-frontend to decrease perceived loading time by minimizing LCP stats.

Front End Engineer

May 2024 – July 2024

National High Magnetic Field Laboratory - [Python](#), [Qt Framework](#)

- Developed of state-of-the-art data visualization tools for mass spectrometry data.
- Implemented custom, open-source Python libraries into a PyQt-based, cross-platform (macOS and Windows) desktop application.
- Collaborated with scientists and engineers to create a user-friendly interface for data analysis to exponentially increase efficiency of mass-spectrometry research.

Research Assistant

May 2023 – Dec. 2024

FSU Dept. of Computer Science - [C#](#), [Visual Studio](#), [User Research](#), [Documentation](#)

- Conducted research on the traffic monitoring system of the Florida Department of Transportation (FDOT).
- Identified usability pain points, optimizing user experience, reducing friction in data analysis and quality control.

Web Developer

Mar. 2022 – May 2023

Venerate Agency - [JavaScript](#), [TypeScript](#), [React](#), [SCSS](#), [Accessibility](#)

- Increased customer engagement and improved conversion rates for **The Gap**, **Old Navy**, and other brands using React and Styled Components.
- Built and maintained React-based components to keep up with the needs of the client. Ensured all code written was logical and maintainable.
- Implemented web accessibility features such as keyboard navigation and screen-reader optimization to ensure ADA compliance.

OPEN SOURCE CONTRIBUTIONS

[Open Props CSS Docsite](#) | [CSS](#), [JavaScript](#)

- Proposed and implemented a feature enhancement to the documentation site for the popular [Open Props CSS library](#).
- Partnered with renowned library author, [Adam Argyle](#) of Google.
- 18K weekly NPM downloads, 5.4K GitHub Stars

[MDN Web Docs](#) | [Web APIs](#), [MDN](#), [Software Documentation](#)

- Committed critical, missing information to the docs on the new View Transitions API.
- Improved readability of the docs by enhancing quality of implementation examples.
- 8.6K GitHub Stars

[SolidJS Framework Documentation](#) | [SolidJS](#), [Software Documentation](#)

- Committed styling, formatting, and content fixes to improve readability for SolidJS developer documentation.
- Collaborated with SolidJS core team on Discord to improve quality and maximize impact of my pull request.
- 234K weekly NPM downloads, 30.7K GitHub Stars

EDUCATION

M.S. in Computer Science

May 2023 – Dec. 2024

Florida State University (FSU) - Graduate School

- **Vice President** - Association for Computing Machinery - FSU Chapter
- Graduate Research Assistant

B.S. in Computer Science - 3.643 GPA

Aug. 2021 – May 2023

Florida State University

SKILLS

Languages: JavaScript, TypeScript, SASS/SCSS, HTML, CSS, Python, PHP, C, C++, C#

Frameworks: React, Node.js, SolidJS, Astro, Svelte, Tailwind, PyQt

Developer Tools: Git, CI/CD, Docker, WordPress, Drupal

Other: Web Accessibility, ARIA, UX Design, Figma, REST APIs, MySQL, SQLite, MS SQL Server

PERSONAL PROJECTS

[Warframe Group Finder](#) | *React, TypeScript, Fullstack, APIs, Bun, Node.js, Unit Testing*

- Online tool that lets Warframe players find groups to play specific missions with.
- Parsing videogame APIs to display data on in-game items to allow players to efficiently acquire rewards.
- Fullstack application built with React, SQLite, and Bun, a modern Node.js alternative.
- Implemented Unit Tests using Bun's built in testing framework inspired by Jest.

[Frontend Mentor.io](#) | *TypeScript, SCSS, SolidJS, Vite, Tailwind, Astro, Svelte*

- Collection of components and webpages built according to design specifications using experimental web dev technologies.
- Originally built with SolidJS, I branched out to experiment with Astro, Tailwind, and Svelte.
- Performing code reviews and assessing the accessibility, responsiveness, and design accuracy of other developers' solutions.

[Personal Blog Website](#) | *Astro, TypeScript, Open Source*

- Built with Astro, SCSS, and TypeScript. Hosted on Vercel.
- Writing educational blog posts that showcase by experiences with various technologies.