

Parker Phillips

Frontend Engineer – JavaScript (ES6), React, Supply Chain UX

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EDUCATION

Western Washington University

Bachelor of Science in Computer Science

Bellingham, WA

September 2022 – June 2026

- GPA: 3.79/4.00; coursework in Data Structures & Algorithms, Web Programming, Databases, Computer Networks.

Western Washington University

Web Development Bootcamp

Bellingham, WA

June 2024 – September 2024

- Finished with a 98.4%; built and deployed modern, responsive front-end applications.

EXPERIENCE

Implementation Consultant Intern

June 2025 – September 2025

Boston, MA

FAST Enterprises

- Contributed to a large workflow-driven web platform, collaborating with product managers and government stakeholders to **design and deliver user-facing features** that support complex operational processes.
- Implemented and maintained UI-facing logic in a multi-tier architecture using object-oriented patterns, clear interfaces, and reusable components to improve **usability, maintainability, and performance**.
- Triaged and resolved a production sign-up outage; shipped a fix within 1 day (ahead of a 2-day deadline), restoring a critical customer journey and improving overall system reliability.

March 2025 – June 2026

Bellingham, WA

Undergraduate Researcher – Smart Home Data Privacy

Western Washington University

- Built and iterated on a **React + TypeScript** dashboard that visualizes real-time smart home events, acting as an internal platform for exploring device state, similar to monitoring supply chain and logistics flows.
- Implemented component-based development patterns (hooks, context, reusable UI components) and solved layout/CSS issues across modern browsers to keep the interface accessible, elegant, and performant.
- Worked closely with faculty “product owners” to refine user workflows, improve data exploration UX, and document design decisions and API contracts in shared technical documentation.

PROJECTS

PassThatClass | *React, TypeScript (ES6+), Node.js/Express, Postgres (SQL), OpenAI, Stripe, AWS*

- Designed and built a single-page **React** application where students manage “supply” of study materials (classes, notes, quizzes) through intuitive flows—focusing on **usability, accessibility, elegance, performance, and maintainability**.
- Implemented component-based UI architecture using hooks, context, and reusable components; tuned front-end performance with memoization, derived state, and minimized re-renders to keep interactions smooth on large datasets.
- Styled the app with modern **SCSS** and responsive layouts; tested and fixed CSS/JavaScript multi-browser compatibility issues (Chrome, Firefox, Edge) to ensure consistent behavior across environments.
- Developed a TypeScript/Node.js REST API and Postgres schema to support core user journeys (creating, updating, querying content), applying data structures and algorithmic thinking to keep key operations fast at scale.
- GitHub: <https://github.com/DevParkerCS/PassThatClass>

TECHNICAL SKILLS

Languages: JavaScript (ES5/ES6), TypeScript, Java, C#, Python, SQL, HTML5, CSS3

Frontend: React, component-based development, hooks & context, responsive UI, front-end performance optimization, solving CSS/JS multi-browser compatibility issues.

Web & Platforms: Building state-of-the-art user experiences, accessibility-minded UI design, data visualization dashboards, and internal platforms for exploring operational data.

Tooling: Git & GitHub, Node.js/Express, Postgres, basic experience with other JS frameworks and willing to work with React/Angular/Vue ecosystems.