

Joseph Palchak

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SKILLS

Languages: TypeScript, JavaScript, C#, SQL, GraphQL, HTML, CSS, SASS/SCSS

Libraries/Frameworks: React, Next.js, Vite, Vue, Nuxt.js, Node.js, Express.js, Tailwind, ASP.NET

Databases: MySQL, PostgreSQL, Firestore

Tools: Docker, Git, DataDog, i18next, Vitest, Jest, MSTest, ESLint, Figma, Jira

EXPERIENCE

Software Engineer

Jun 2024 – Dec 2025

TadHealth (Contract-to-Hire)

Remote

- Owned front-end architecture of a platform rebuild as 1 of 2 front-end developers, migrating from Vue and Nuxt, to React and Remix with TypeScript, delivering MVP in 3 months while v1 remained in active production
- Improved developer velocity by migrating legacy front-end bundler from Webpack to Vite, reducing dev cold start times by >80%, hot module reloads from 2 minutes to near-instant, and increasing CI/CD pipeline build speeds by 2x
- Created the front-end Claims submission system, collaborating with backend on API design and client/server contracts, enabling \$2.4M in reimbursements processed across 1,000+ providers and 100+ school districts after feature launch
- Optimized performance across 10+ data-intensive pages by employing lazy-loading and caching strategies with React Query and Remix loaders, de-duplicating API requests and improving page load times by ~1.5 seconds
- Reduced issue tickets by 50% for feature deployments by introducing front-end unit and integration testing with Vitest, React Testing Library, and Storybook testing plugins
- Built an internal library of 80+ modular React components with TypeScript and TailwindCSS following atomic design principles and a focus on WCAG accessibility compliance; established a Storybook workflow for isolated component development, documented UI patterns, and streamlined collaboration with QA and design teams

Full Stack Developer

Jun 2024 – Sept 2025

SimBco (Contract)

Portland, OR

- Delivered greenfield full-stack headless CMS applications for clients in finance and e-commerce, built with JavaScript, React, Vite, Redux Toolkit, Docker, Strapi and Postgres
- Architected a multi-tenant Node.js and Strapi REST API with role-based access control enforcing organization-scoped data, configurable user limits, email domain validation, and soft-deletion for secure user deactivation without data loss
- Improved legacy React application performance by migrating from Redux to RTK Query, reducing state management complexity and improving page load times by >3 seconds by implementing caching strategies

Full Stack Developer Intern

Dec 2023 – Jun 2024

SimBco

Portland, OR

- Contributed to *Vinoseeker*, a cross-platform geo-social networking app, utilizing a tech stack including JavaScript, React, Ionic, Feathers.js, OpenLayers/Leaflet, and PostgreSQL
- Developed a friend feature end-to-end, creating a RESTful Node.js API with Feathers.js lifecycle hooks enforcing invite deduplication, rejection cooldowns, and stale record cleanup across friend, muted, and blocked relationship states
- Authored comprehensive API documentation, increasing developer onboarding efficiency by 50%

PROJECTS

Cranberry | *TypeScript, React, Redux, MUI, C#, ASP.NET, MySQL*

github.com/jfpalchak/cranberry

- Built a React SPA to help users quit smoking using gamification for engagement, including daily progress tracking via personalized metrics; achievement badges for health and financial milestones; and Chart.js data visualization
- Developed a secure RESTful API in C# and ASP.NET, utilizing Entity Framework and LINQ with MySQL, to support the client with managing token-based authentication and CRUD operations for user generated data

EDUCATION

University of Vermont

Bachelor of Science in Computer Science