Beto Carlos

Spanish Fork, UT, 84660
me@beto.codes
LinkedIn | Github | Website

Summary:
I'm a software engineer with 8 years of experience building robust web applications. My expertise is in JavaScript, TypeScript, React, and Vue, backed by Node.js, SQL, and cloud computing skills. I focus on creating systems that are efficient, scalable, and user-friendly. Having worked with diverse teams, I've developed a knack for adapting quickly and communicating effectively. My goal is to create digital solutions that enhance user experience and drive business value.

Technical Skills:
Languages: HTML, CSS, Javascript, Typescript, Node.js
Technologies: React, Next.js, Vue, Nuxt, Zustand, Pinia, Redux, Tailwind CSS, CSS Modules, Shadcn UI, Vitest, Playwright, TanStack Query, SWR, Vite, GraphQL, SQL.
Other: CI/CD, Rest APIs, UI/UX design, Cloud Computing.

Professional Experience:
Missionary Training Center   **Oct 2023 – Present**
Freelance Frontend Engineer
- Developed a proof-of-concept web application demonstrating robust micro-frontend architecture using Module Federation, delivering within a three-week timeframe and leveraging TypeScript, React, Vite, and Tailwind CSS.
- Implemented a comprehensive design system, creating 50+ Figma components and React elements adopted across 5+ projects, enhancing UI consistency and development efficiency.

ShopHero   **May 2021 – Oct 2024**
Lead Frontend Engineer
- Led a 4-person team to rebuild a grocery e-commerce platform serving 100,000+ users, modernizing tech stack with TypeScript (Nuxt/Vue) and Node.js on AWS, increasing update frequency by 95%, and enhancing UI.
- Implemented hybrid mobile app using Capacitor and TypeScript (Nuxt/Vue), achieving 80% faster feature parity with the web platform, writing 60% of code, and enabling shared codebase across mobile and web.
- Automated mobile app deployment using bash and JavaScript on Codemagic CI/CD, reducing deployment time by 90% through a streamlined build process, app signing, and asset generation.
- Implemented backend-for-frontend with Node.js and Nuxt, creating REST API endpoints with caching mechanisms, reducing 1000+ lines of code, and improving site load speed by 20%.
- Mentored 3+ engineers on coding standards, leading 20+ code reviews monthly, resulting in a 30% reduction in support tickets and improved team productivity.

Missionary Training Center   **2019 – 2021**
Senior Frontend Engineer
- Developed key web and mobile features for language learning apps used by 100,000+ users, re-architecting CSS framework with BEM methodology to enhance UX and streamline designer-developer collaboration. Built with React, Angular, TypeScript, and Ionic.
- Optimized CI/CD pipeline and implemented Fastlane automation on CircleCI, reducing deployment build times by 40% and streamlining app delivery process.

ShopHero   **2017 – 2019**
Frontend Engineer
- Redesigned core product mobile app UI, doubling customer base through improved accessibility and user-friendliness. Implemented using HTML, CSS, JavaScript, and later Vue.js.
- Designed and developed multiple e-commerce apps using JavaScript (Vue) and PHP, increasing product sales by 20%.

- Revamped the company's email presence by designing and coding all transactional emails using HTML and CSS, decreasing bounce rate by 35% and enhancing brand consistency.

VASA Fitness   **2016 – 2017**
<u>Web/Email Developer</u>
- Managed and optimized email marketing campaigns, increasing ROI by 80% through personalized content, segmentation, and enhanced automation.
- Designed visually engaging email campaigns with responsive HTML/CSS templates, boosting open rates by 60% and increasing click-through rates by 75%.

Projects
Wordl* Game App
- Developed a Wordle-inspired web app using React, TypeScript, Vite, and Tailwind CSS, closely emulating the game's core mechanics and UI.
- Optimized performance with React memoization and Framer Motion animations. Implemented state management using Context API to deepen understanding of core React concepts.

Education:
Computer Science - Full Stack Emphasis
Utah Valley University

A.A.S. Web Design and Development
Utah Valley University

Certificate of Completion - Programmer
Utah Valley University