

Justin Blechel

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Education

Sonoma State University

Bachelor of Science in Computer Science

August 2021 – December 2023

Rohnert Park, CA

Experience

Front-End Developer

ClimateForge

July 2024 – April 2025

Remote

- Built responsive, SEO-optimized landing pages using Next.js and Tailwind CSS.
- Built an internal CRM dashboard with data tables for managing and tracking leads.
- Implemented custom Mapbox boundary selection tool to support user-defined geographic regions.

Digital Personal Shopper

Walmart

April 2025 – Current

Windsor, CA

- Maintain high accuracy and efficiency fulfilling large volumes of orders in a fast-paced environment.

Projects

[DFA Flow](#) | Next.js, Flask API, AWS Lambda, Docker, GitHub Actions

- Interactive DFA visualizer and minimizer built with a Next.js frontend and Flask API.
- Deployed using Vercel and AWS Lambda with Docker and GitHub Actions for CI/CD.

[NeonType](#) | React

- Typing speed test built as a PWA with customizable themes, offline support, and cross-device installability.

[CHAT470](#) | MongoDB, Express, React, Node.js, Redux, WebRTC, Socket.IO

- Real-time text, voice and video chat application built with the MERN stack.
- WebSocket based real-time messaging and presence updates using Socket.IO.
- WebRTC for peer-to-peer audio and video streaming.

[ECOM370](#) | React, Material UI, Firebase, Stripe, Commerce.js, notistack

- Full-featured e-commerce platform with Stripe payments, Firebase authentication, and product management.

Skills

Programming Languages: C++, Python, JavaScript, TypeScript

Frameworks & Libraries: React, Next.js, Node.js, Tailwind CSS

Databases & Infrastructure: MySQL, MongoDB, Docker, AWS, CI/CD (GitHub Actions)

Tools & Platforms: Git, CLI, Figma, Postman, Unity, Unreal Engine