Justin Blechel

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Computer Science graduate with practical experience developing and deploying full-stack applications, from interactive web platforms to scalable cloud-based APIs. Delivered multiple published projects, demonstrating adaptability and the ability to master new tools and frameworks rapidly.

Education

Bachelor of Computer Science, *Sonoma State University, Rohnert Park, CA*   August 2021 – December 2023

- Capstone Project – CHAT470: Real-time text, voice, and video chat application built with the MERN stack (MongoDB, Express, React, Node), utilizing WebSocket and WebRTC for low-latency communication.

Skills

- **Languages & Frameworks**: C++, Python, JavaScript, TypeScript, React, Next.js
- **Front-End:** Accessibility, Responsive Design, SEO, HTML5, CSS3, Tailwind CSS
- **Back-End & DevOps**: Node.js, REST APIs, MongoDB, MySQL, Docker, AWS, CI/CD, JWT/OAuth
- **Tools & Platforms**: Git, CLI, Figma, Postman, Unity, Unreal Engine

Experience

Front-End Developer Intern
ClimateForge, *San Francisco, CA (Remote)*   July 2024 – April 2025

- Translated Figma designs into responsive, SEO-friendly landing pages using Next.js and Tailwind CSS, improving page performance and accessibility.
- Developed a CRM dashboard for managing solar lead data, integrating Mapbox GL and Google Solar API.
- Implemented geographic boundary selection in Mapbox, enhancing user ability to define custom regions.

Administrative Assistant
CodeCombat, *San Francisco, CA (Remote)*   September 2022 – March 2023

- Edited and refined audio transcripts for coding lessons, ensuring clarity and accessibility for a platform with 20M engaged students across 190+ countries.

Personal Shopper
Walmart, *Windsor, CA*   April 2025 – Current

- Supporting daily operations by fulfilling online orders with speed and accuracy.

Projects

- DFA Flow: Interactive DFA visualizer built with Next.js and Flask API; deployed on Vercel + AWS Lambda with Docker & GitHub Actions for CI/CD.
- NeonType: Progressive web app typing test built with React, featuring customizable themes and offline support.
- ECOM370: Full-featured e-commerce platform built with React, Stripe, and Firebase for secure payments and real-time backend services.