

# David Monterrosa – Software Developer

Phone: (209)292-7846 | Email: [dmonterrosa99@gmail.com](mailto:dmonterrosa99@gmail.com)

GitHub: [github.com/davidmonterrosa](https://github.com/davidmonterrosa) | LinkedIn: [linkedin.com/in/david-monterrosa-dev](https://linkedin.com/in/david-monterrosa-dev)

---

## TECHNICAL SKILLS

**Programming Languages:** TypeScript, Javascript, HTML, CSS, Python, C#, SQL, C++

**Frameworks & Libraries:** React, React Native, Next.js, Tailwind CSS, Bootstrap, ShadCn

**Tools & Concepts:** Git, GitHub, Expo Go, REST APIs, Figma, Azure, Vercel, SQL Server, Web Accessibility in Mind (WebAIM), Lighthouse, WCAG 2.2 Documentation

## PROJECTS

### Study Buddies | Lead Developer

- **Improved** mobile responsiveness using Next.js, Tailwind CSS, and Shadcn to address layout issues on small screens, enhancing usability across devices.
- **Built** direct and group messaging with MVC architecture to streamline collaboration, using C#, .NET EF Core, and SQL Server on an Azure-hosted backend.
- **Optimized** front-end performance and accessibility via Lighthouse and WCAG 2.2 AAA audits, cutting load times by **25%** and boosting accessibility by **18%**.

## EXPERIENCE

### Full Stack Developer | 06/2025 – Present

- **Built** a full-stack web app with Next.js, Tailwind CSS, and a C#/.NET backend to replace manual compliance tracking across school districts.
- **Streamlined** reporting for inspectors, reducing paperwork and enabling faster, more accurate audits for multiple facilities.
- **Collaborated** in a cross-functional Agile team using Scrum to improve communication and deliver features consistently through stand-ups and sprint planning.

### Substitute Teacher | 09/2022 – Present

- Taught STEM subjects including mathematics to k-12 students in classrooms with 30+ students.
- Diagnosed and resolved daily technology issues, reducing class disruptions by 10% and ensuring full engagement.

## EDUCATION

**Full-Stack Web Development | CodeStack Academy | 2025**

**B.S. Cognitive Science (Computational Emphasis) | UC Davis | 2021**

---