Aswin Malla

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Full-Stack Software Engineer who enjoys building clean, responsive web apps that solve real problems. I value writing maintainable code, working collaboratively, and constantly learning. I actively **leverage AI tools like Cline, Cursor AI and ChatGPT** to speed up development, troubleshoot issues, and explore new ideas. Whether I'm improving performance, refining UX, or diving into a new stack, I stay focused on building thoughtful, user-friendly experiences that make a real impact.

SKILLS

Languages & Frameworks: React, Next.js, JavaScript, TypeScript, HTML, CSS, SASS, jQuery, TailwindCSS, Redux
Backend: MySQL, PostgreSQL, SQL, Express.js, Node.js, Ruby on Rails, REST APIs, GraphQL
Testing: RSpec, Jest, React Testing Library (RTL), Cypress, End-To-End Testing (E2E), Test-Driven Development (TDD)
Tools: Cline, Cursor, ChatGPT, GitHub, Git, Figma, Postman, Insomnia, Vercel, Render, Netlify

EXPERIENCES

Software Engineer | *Ascent Classical Academies*   Oct 2023 - Feb 2025
● Managed and **optimized 10+ school websites** for fast load times, smooth UX, and consistent updates
● **Reduced page load time by 35%** through lazy loading, image compression, and performance tweaks
● Improved SEO and boosted traffic by collaborating with teams to implement best practices
● Integrated Zapier, Google Analytics, and other tools to automate workflows and support decisions

Software Engineer | *echowin*   Oct 2022 - Oct 2023
● Built reusable navigation components with Next.js, TypeScript, SASS, and CMS to boost site usability
● Wrote **unit and E2E tests** (Cypress, RTL) to ensure quality and prevent regressions
● **Led a team of 7** to overhaul the UI, improving accessibility, visual design, and user interactions
● Worked with backend engineers to integrate **RESTful and GraphQL APIs** for dynamic content

Software Engineer | Colorado Medicaid Contractor- *Namaste Transportation*   Jan 2021 - Oct 2022
● Improved a React-based website with user-focused updates and a custom Redux caching system to boost performance
● Acted as client liaison, running demos, gathering feedback, and shaping the development roadmap
● Led a full website redesign with SEO improvements and faster load times, increasing traffic by 58% (via Google Analytics)
● Built a responsive frontend and connected it to a Ruby on Rails backend with secure authentication and RESTful APIs for dynamic, user-driven functionality

PROJECTS

Split Wise | *[GitHub](#)*
● Built a full-stack bill-splitting app with group management, real-time updates, and email-based notifications
  Tech stack: *Ruby on Rails, PostgreSQL, React, TailwindCSS, Redux, and JWT authentication*

Caring Hands Home Care | *[Live Site](#)* | *[GitHub](#)*
● Developed a modern, responsive business website with polished UI/UX to improve user engagement
  Tech stack: *React, JavaScript, and TailwindCSS*

Code Threads | *[Live Site](#)* | *[GitHub](#)*
● Created a full-featured e-commerce platform with secure payments, authentication, and smooth user flows
  Tech stack: *Next.js, PostgreSQL, TypeScript, TailwindCSS, Google OAuth, and Stripe*

EDUCATION & CERTIFICATIONS

Certificate in Web Development | Colorado State University, powered by ***Fullstack Academy***   Sep 2022 - Mar 2023
● *Focused on practical, hands-on development with a focus on modern frameworks and agile methodologies*

Additional Certificates | Linkedin Learning: [Advanced Node.JS](#), [Animation CSS](#), [PostgreSQL Training](#), [React Hooks](#), [React Accessibility](#), [TypeScript Training](#), [TypeScript OOP](#)