

# Sneh Mehta

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## SUMMARY

With four years of progressive experience in software development, I've established myself as a versatile frontend specialist who seamlessly bridges development and design. My technical expertise spans multiple frontend technologies, programming languages, and frameworks, enabling me to create compelling digital experiences that drive measurable outcomes. As a collaborative team member, I consistently deliver innovative solutions that captivate users and exceed business objectives. My proficiency across both development and design ecosystems allows me to speak both languages fluently, creating more cohesive and efficient workflows. I continuously expand my expertise by embracing emerging technologies, most recently incorporating AI tools to accelerate development cycles and deliver high-quality solutions with unprecedented efficiency, a strategic advantage that distinguishes me from peers in the industry.

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## EXPERIENCE

### Creative Technologist - Epsilon

September 2021 - Present, Chicago, IL

- Driving a strategic shift in engineering culture by championing Spec-Driven Development; architecting a workflow where AI-assisted coding is governed by rigorous technical specs, enabling faster prototyping, faster timelines and pushing for this new paradigm of AI-assisted coding.
- Spearheading a strategic collaboration with Google engineers to architect a next-generation automated testing framework; leading multi-month planning phases to define requirements for a large-scale system that unifies functional and visual regression testing across global platforms.
- Led the development of Orion, a proprietary automation tool that transformed production pipelines for crossteams, achieving a 61.5% reduction in task volume and a 40% gain in time-to-market efficiency.
- Architected and deployed an agentic AI system integrated with the Confluence Model Context Protocol (MCP), leveraging Retrieval-Augmented Generation (RAG) to index complex internal datasets and streamline the automated retrieval and categorization of departmental documentation.
- Engineered the "Agentic Persona Generator," a multi-step AI reasoning system leveraging open-source LLMs and structured prompt engineering to bridge the gap between data and creative strategy; designed an intuitive web interface for non-technical teams that optimized the user experience for high-latency model token generation.
- Developed "Vessel," a proprietary agentic system designed to bridge the gap between data strategy and creative execution; utilized LangChain and Gemini models to coordinate specialized agents in generating comprehensive pitch assets, directly enhancing the firm's competitive edge through automated, hyper-personalized creative concepts.
- Collaborated on crafting and implementing cutting-edge digital solutions tailored to clients' unique needs and utilized cutting edge animation libraries to increase conversion.
- Leveraged creative ideation and technical proficiency to develop engaging custom capabilities and digital display ads for Fortune 500 companies.
- Created tools to drive cross-team efficiencies, acting as a bridge between engineering and creative teams, leveraging AI to increase productivity and output and dramatically decreasing labor costs

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### Founder / Frontend Engineer - The Web Agency

October 2024 - Jan 2026, Chicago, IL

- Founder of a full-service digital consultancy, creating growth-focused web solutions and AI-enhanced workflows for healthcare, automotive, and retail clients.
- Technical expertise in full-stack development with a focus on performance optimization, responsive design, and AI-enhanced development processes for seamless user experiences across all devices.
- Collaborative partners committed to client success through deep engagement with client vision, creative ideation, and iterative solutions that transform brands into cohesive digital identities.
- Directed the end-to-end development of a custom "Cost-Plus" pharmaceutical lookup engine for a local pharmacy, serving as both Project Manager and Lead Engineer to architect a Nuxt3 and TailwindCSS platform optimized for senior-user accessibility.
- Developed an end-to-end e-commerce and scheduling platform for Mobile Tire Pro, integrating Square's payment ecosystem and a custom appointment booking engine to convert search and social media traffic into direct sales and service leads.

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## Skills

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- HTML5, CSS3, JavaScript, Typescript, Python, React, Vue, Nuxt3, TailwindCSS, NodeJS, Electron, Langchain, MCP, Agentic AI, Google ADK, Adobe Scripting, Adobe XD, Extendscript, Git, Local LLMs, Prompt Engineering, Bash, Wireframing, Rapid Prototyping, User Research, User Experience, User Interface Design, Information Architecture, Postman, REST API
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## Projects

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- Developing HousePilot, an agent-native household operating system utilizing a tool-wrapper architecture and Supabase Postgres to centralize fragmented home data into a unified graph; engineered a multi-tier execution engine that scales from manual CRUD operations to autonomous agentic delegation for finance, maintenance, and cross-domain household optimization.
- Created OpenFolio a tool I built to track finances, cash flow, investments and overall financial wellbeing through a easy to use dashboard, developed using an AI-augmented Spec-Driven workflow via Claude, prioritizing rapid iteration and financial data visualization.

## Education

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Bachelor of Arts (Interaction Design)

Columbia College Chicago • Chicago, IL • 2021 • 3.826 Cumulative GPA: 3.826

Graduated Summa Cum Laude. Dean's List: Fall 2018, Fall 2019, Fall 2020, Spring 2021. Coursework in Web Development, User Experience, Interaction Design and Game Programming.