

Samuel Aguilar-Nuñez

Senior Product Designer

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Experience

Chief Design Officer MJ Technologies Inc Chicago, IL Sep '23 – Sep '25	<p>Led end-to-end product design and frontend development for a growing software agency, helping scale revenue from \$12K to \$1.5M over 2 years. Designed and shipped 8 client MVPs across edtech, fintech, and enterprise software, often serving as the sole designer and frontend developer.</p> <p>Key Projects</p> <p>Chat2Learn (University of Chicago): Led design for mobile app promoting childhood curiosity in low-income families. Design work contributed to team winning MIT Solve Prize backed by Gates Foundation. Transitioned to lead developer, shipping iOS app now used by thousands of families across Illinois</p> <p>Reach Pathways (Chicago Scholars): Designed and built an AI-native platform to prepare high-performing underserved students. Features include a resume builder, interactive quests, and an AI companion that helped students learn new skills. They've now raised over \$1.99 million using this design and platform.</p>
Design Consultant Independent Contractor San Diego, CA June '19 - Present	<p>Provided end-to-end product design for early-stage startups in edtech, fintech, and consumer mobile. Specialized in 0-to-1 product development, from stakeholder interviews through high-fidelity design and developer handoff.</p>

Selected Projects

Particle UI Experimental UI Design	<p>WebGL particle system connected to OpenAI Realtime Voice API. Designed dynamic animation states responding to conversation context: particles animate during speech, reduce to vapor when idle, freeze and pulsate during pauses. Explores ambient interface design and motion as communication.</p>
webSpase Drag & Drop Website Builder	<p>Personal project exploring website builder interactions. Designed grid-based layout system with real-time preview, drag-and-drop component placement, and multimedia visualizations.</p>

Skills

Visual Design	Prototyping & Animation	Development	AI Tools
Figma, Photoshop, Keynote	Figma Prototyping, React Spring, GSAP, React Three	React, React Native, HTML/ CSS, Expo, Firebase, Vercel	Claude Code, Cursor, Figma Make, Krea

Education

Brown University Cognitive Science '19	<p>Relevant Coursework:</p> <p>User Interfaces, Design Anthropology, Entrepreneurial Process, Human Factors</p>
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