

Samuel Aguilar-Nuñez

Senior Product Designer

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Experience

Chief Design Officer

MJ Technologies Inc

Chicago, IL

Sep '23 – Sep '25

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.

Key Projects

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

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.

Design Consultant

Independent Contractor

San Diego, CA

June '19 – Present

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.

Selected Projects

Particle UI

Experimental UI Design

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.

webSpase

Drag & Drop Website Builder

Personal project exploring website builder interactions. Designed grid-based layout system with real-time preview, drag-and-drop component placement, and multimedia visualizations.

Skills

Visual Design

Figma, Photoshop, Keynote

Prototyping & Animation

Figma Prototyping, React Spring, GSAP, React Three

Development

React, React Native, HTML/CSS, Expo, Firebase, Vercel

AI Tools

Claude Code, Cursor, Figma Make, Krea

Education

Brown University

Cognitive Science '19

Relevant Coursework:

User Interfaces, Design Anthropology, Entrepreneurial Process, Human Factors