NEIL HUTCHEON

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SUMMARY

Senior Software Engineer with 5+ years of experience building production web applications and data/media pipelines, promoted from Junior Engineer to Senior Engineer through consistent technical growth. Specializes in React/Node, Python, AWS, and Terraform-managed infrastructure, with recent focus on ground-up architecture and technical leadership. Outside client work, founded Descant LLC and built Descant, a marketplace connecting Twin Cities church music directors with freelance musicians.

EXPERIENCE

Senior Software Engineer — Curve10 LLC Early 2025 – Present

- Mentor 3 engineers and own technical architecture across 3 production applications
- Architected MGAM – Dominus Baseball from the ground up: a fantasy baseball platform simulating gameplay from real-world performance statistics for a near-real-life management experience
- Leveraged agentic AI coding practices to build multiple in-house features that previously required paid SaaS subscriptions, reducing third-party dependency costs
- Manage infrastructure-as-code using Terraform across all owned projects

Software Engineer — Curve10 LLC 2023 – Early 2025

- Designed and shipped Progressive Web Applications and data/media pipelines for clients including:
  - JHREA — a large-scale, social-media-style platform for high-end real estate agents, delivering buyer metrics and insights
  - University of Michigan — architected a data pipeline for AI-driven analysis of classroom video, automatically generating teacher feedback while maintaining full FERPA compliance
- Operated within agile methodologies to deliver work on schedule
- Integrated and troubleshot SaaS tooling to resolve complex technical issues, ensuring seamless feature integration

Junior Software Engineer (Full-Time) — Curve10 LLC Late 2021 – 2023

- Worked under both a front-end and a back-end/architect engineer, learning to structure full-stack applications efficiently
- Built foundational AWS skills later expanded into infrastructure ownership at the senior level

Junior Software Engineer (Part-Time) — Curve10 LLC 06/2021 – Late 2021

- Built early prototypes for the University of Michigan project, which remains an active client engagement today

PROJECTS

Founder & Engineer — Descant LLC (joindescant.com) 09/2026 – Present

- Founded and built Descant end to end, a marketplace connecting Twin Cities church music directors with freelance musicians for services, holidays, weddings and concerts; live in a free pilot
- React app on Supabase (database, passwordless email sign-in, file storage), hosted on Cloudflare, with Mapbox maps and address search and Resend for booking emails, gig alerts and reference requests
- Built director workflows to post gigs, review applicants' references and ratings, book players, and share private invite links, plus a music library that gives each booked player their own part and a group thread per gig

WhiteFlag sign-in — Curve10 LLC client C# / .NET

- Implemented the original Rownd sign-in for WhiteFlag's C# mobile app and ASP.NET API, then ported it from Xamarin to .NET MAUI
- When Rownd shut down in 2026, moved production sign-in to SuperTokens in about a week, with no user data changes

SKILLS

JavaScript (React, Node) • C# (.NET MAUI, Xamarin, ASP.NET) • Python (Pandas, Plotly) • AWS • Terraform • Supabase • Mapbox • Cloudflare • Linux • Git • Docker