Daniel Hernandez

Senior Software Engineer

daniel@interestingandbeyond.com   GitHub   LinkedIn

SUMMARY

Full-stack engineer with 6+ years of experience building production-grade applications across React, Node.js, Python, and cloud platforms. From co-founding a software consultancy to developing secure DoD applications for Space Force and Navy, I bring a builder's mindset to every project. Passionate about shipping high-quality software, mentoring teams, and making complex systems accessible.

SKILLS

Frontend: React, Next.js, TypeScript, Tailwind CSS, Redux, Framer Motion, Three.js
Backend: Node.js, Python, Django, Ruby on Rails, GraphQL
Database: PostgreSQL, MongoDB, DynamoDB
Cloud: AWS, Docker, Kubernetes
Beyond Code: 3D Printing, Welding, Soldering, VR Development, CAD Design

EXPERIENCE

Senior Software Engineer
BrainGu
Department of Defense software development for Space Force, Air Force, and Navy applications.

June 2024 - January 2026

- Developed 5 DoD applications including secure pipeline platform and 3D asset tracking
- Integrated Ask Sage government-secure AI API and helped develop local secure CLI coding agent
- Built geolocation applications for real-time asset management using Cesium
- Worked with Platform One (P1) and IL5 deployment environments
- Authored comprehensive documentation for all services and features

Principal Full-Stack Engineer & Co-Founder
Tailored Technologies
Founded and led engineering for custom software consultancy.

November 2021 - June 2024

- Architected Peak Golf Academy Platform: comprehensive club management system
- Created extensive internal component library and dev tools (Form builder, Flow builder)
- Managed multiple client projects while leading team of developers
- Built complex integrations with QuickBooks, Stripe, SendGrid

Senior Full-Stack Engineer
Mesirow Financial
Wealth Management portal modernization.

February 2023 - November 2023

- Modernized legacy wealth management portal
- Achieved 30% performance improvement through refactoring
- Mentored junior developers on React best practices

Senior Software Engineer
First American
Enterprise microservices architecture.

March 2022 - February 2023

- Implemented enterprise microservices using AWS serverless stack
- Built highly reusable front-end components with custom hooks
- Led architectural design for document processing features

Full-Stack Engineer
Charter Communications
Internal tools and POC applications.

February 2020 - March 2022

- Built internal tool for non-developers to access production data safely
- Led development of two major products, delivering under budget and ahead of schedule

- Built POC generating production-grade code from user interactions

SELECTED PROJECTS

CodeReview AI — Enterprise AI-Powered Code Review Platform

Patent Intelligence — AI-Powered Patent Discovery Platform

SpecTree — AI-Powered Software Design Document Builder

Gmail Organizer — AI-Powered Email Management System

VoiceForge — Local Text-to-Speech with Voice Cloning

Jarvis Voice Assistant — Fully Local AI Voice Assistant

SCAN TO CONNECT

GitHub   LinkedIn   Portfolio