

# Daniel Hernandez

## Senior Software Engineer

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### 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** June 2024 - January 2026  
BrainGu

Department of Defense software development for Space Force, Air Force, and Navy applications.

- 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** November 2021 - June 2024  
Tailored Technologies

Founded and led engineering for custom software consultancy.

- 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** February 2023 - November 2023  
Mesirow Financial

Wealth Management portal modernization.

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

**Senior Software Engineer** March 2022 - February 2023  
First American

Enterprise microservices architecture.

- 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** February 2020 - March 2022  
Charter Communications

Internal tools and POC applications.

- 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

## Various Positions

### Earlier Roles

Freelance, teaching, and tech repair ventures.

- Tek Mate - Technical support and computer repair services
- Brainy Developer - Freelance web development for small businesses
- Lake Land College - Teaching Assistant, tutored HTML/CSS/JS/Python

Prior to 2020

## SELECTED PROJECTS

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**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

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Portfolio