

Caleb Nielsen

(760) 208-0182 | cal.code.97@gmail.com | Queen Creek, AZ
Portfolio: <https://calnielsen.github.io>

SOFTWARE ENGINEER

Dedicated Software Engineer with a strong foundation in full stack web development including languages such as: Python, HTML, CSS, JavaScript, TypeScript and C#. Currently enhancing skills through freelance projects and coding bootcamps, with a commitment to continuous learning and professional growth.

KEY EXPERTISE & CORE ACCOMPLISHMENTS

Web Development Experience Front

End:

Angular

HTML

CSS

JavaScript/TypeScript

Backend:

Python

AWS Lambda functions Flask & Django

Other Programming Language: (C#)

Source Control:

Git/Github

Focus:

Web Application Design & UX

Optimization

IDE:

VS Code

Pycharm

API Experience:

Google API's

Payment Gateway Integration (PayPal, Stripe)

Other Experience:

Email Automation & CRM Management

PDF Generation & Document Automation

Cloud Architecture & Serverless

Computing (AWS SAM, Lambda)

PROFESSIONAL EXPERIENCE

Full Stack Web Developer Intern 2025-Present GearBox Website (Remote)

Design, develop, maintain, and update existing legacy code to current technology and standards.

- Built a responsive front end using Angular/TypeScript ensuring a smooth and accessible user experience across devices.
- Utilizing AWS Python Lambda functions enabling secure data handling and integration with payment systems.
- Integrated PayPal checkout and automated email workflows to streamline form submissions and confirmations.
- Utilized AWS services for hosting, deployment, and serverless architecture, improving scalability and cost efficiency
- Collaborated closely with team members to interpret client requirements and deliver high-quality, tailored solutions that meet project goals and expectations.
- Maintain and update client website(s) to align with evolving requirements, ensuring timely implementation of requested changes and improvements.
- Continuously exploring and integrating new technologies and APIs to deliver customized, high-performing solutions tailored to client goals.

Coding Instructor- CodingMinds 2025-Present (Remote)

Virtual coding instructor teaching students fundamental programming through interactive, project-based learning

- Teach virtual coding classes to K-12 students, focusing on Python, JavaScript, and game development using platforms like Roblox and Unity
- Deliver engaging lesson plans tailored to students' age and skill level, emphasizing problem-solving and real-world applications.
- Guide students through hands-on projects,

helping them build games, apps, and websites while reinforcing foundational programming concepts.

Freelance Full Stack Web Developer 2023 - 2025 Premier Martial Arts - Oceanside, CA

Developed a dynamic website tailored for a martial arts business, utilizing a range of programming languages and frameworks.

- Designed and implemented a user-friendly interface using HTML, CSS, JavaScript.
- Developed backend functionality with Python utilizing the Flask library, ensuring seamless user experience.
- Hosted the application on AWS, optimizing performance and reliability.
- Facilitated client-facing sessions to showcase progress, ensure alignment with goals, and foster idea generation for ongoing development.
- Optimized audio and video assets to enhance performance and ensure compliance with SEOs

EDUCATION

Charter Oak State College: Associate of Science in General Studies (in progress) — Expected 2025

Harvard University edX — Coursework completed, 2025

MiraCosta Community College — Coursework completed toward Associate degree, 2019

CERTIFICATIONS

Harvard CS50 Introduction to Computer Science – Certificate — 2025

Python Mastery Certificate —2023

100 Days of Code: The Complete Python Pro Bootcamp — 2024

EXTRACURRICULAR

Game Jams (2025)

calnielsen.itch.io

Participated in multiple game jams, handling all aspects of game development—including design, coding, and asset creation. Demonstrated creativity, technical versatility, and the ability to deliver complete projects under tight deadlines.