

STEVEN NGUYEN

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Software Engineer with 2+ years of experience building scalable web applications, automation tools, and internal systems using JavaScript, TypeScript, Python, and React. Strong understanding of data structures, APIs, distributed systems, and agile development. Communicate effectively and respectfully with both technical and non-technical stakeholders. Trusted to exercise sound judgment while resolving engineering and customer issues. Eager to grow through self-improvement and feedback-driven learning.

SKILLS & TECHNOLOGIES

Languages: JavaScript, TypeScript, Python, C++, C, HTML, CSS, SQL, Bash

Frameworks & Libraries: React, Node.js, Express, Next.js, React Native

DevOps & CI/CD: GitHub Actions, Azure DevOps, Docker, Git, Vercel

Systems & Databases: PostgreSQL, MySQL, MongoDB

Cloud Platforms: AWS (Certified Cloud Practitioner – In Progress)

CMS Platforms: Drupal 7/9, WordPress

Concepts: REST APIs, Agile Scrum, SDLC, Object-Oriented Design, Automation, Release Management

EXPERIENCE

Freelance Software Developer | Self-Employed

March 2023 - Present

- Developed responsive, production-grade web apps for clients using React, Next.js, and Tailwind CSS, with deployment pipelines via Vercel and GitHub Actions.
- Built Python-based automation tools for web scraping and data transformation, reducing research workload by 70% for non-technical users.
- Delivered scalable and maintainable solutions customized for client needs, balancing usability with long-term supportability.
- Integrated TypeScript into React workflows for type safety and better developer experience.
- Applied a disciplined CI/CD approach and iterative delivery mindset to ensure fast, high-quality releases.
- Technologies:** TypeScript, JavaScript, Python, Next.js, Tailwind CSS, Node.js, HTML, CSS, GitHub Actions, Vercel

Web Developer Lead | Oregon State University COE

Jun 2022 - Feb 2023

- Led a team of 6 developers in architecting and deploying a scalable Drupal 9 web platform, increasing monthly traffic by 20% through improved UX and page performance.
- Partnered with stakeholders to translate business needs into agile deliverables using HTML, JavaScript, and React; reduced time-to-deploy by 30% through improved workflows.
- Integrated COTS systems within microservice architecture using REST APIs and version-controlled deployments via Azure DevOps, ensuring compliance with enterprise change protocols.
- Authored documentation and SOPs to accelerate onboarding and ensure consistent deployment standards.
- Mentored interns and junior developers in a supportive learning environment, focusing on clean code practices and respectful communication.
- Provided customer service and technical support to internal departments to ensure requirements were met with professionalism.
- Technologies:** JavaScript, HTML, CSS, Drupal 9, WordPress, Azure DevOps, Google Analytics, Monsido, Quatrics

Web Developer | Oregon State University COE

Mar 2021 - Jun 2022

- Maintained and optimized 200+ CMS pages across Drupal 7 and WordPress, reducing issue resolution time by 40% through automated scripts and efficient workflows.
- Developed ticket-based automation tools to improve stakeholder response time and support efficiency.
- Collaborated with internal departments to improve usability, accessibility, and technical documentation across web platforms.
- Shipped continuous feature updates in alignment with Scrum methodology.
- Delivered service-oriented support across departments, communicating effectively with staff and faculty to resolve issues quickly and professionally.
- Technologies:** Drupal 7, WordPress, JavaScript, HTML, CSS, Monsido, Quatrics

PROJECTS

Personal Developer Portfolio

- Designed and deployed a mobile-responsive portfolio using React and Tailwind CSS.
- Integrated CI/CD using Vercel for continuous deployment and fast iteration cycles.
- Implemented scalable architecture and custom animations to enhance UI/UX.

- **Technologies:** React, TypeScript, Tailwind CSS, Framer Motion, Vercel, Vite

Spotify Playlist Quiz App

- Created a Spotify-integrated quiz app generating dynamic questions using playlist track data.
- Implemented Spotify Web API, session handling, and UI responsiveness.
- Wrote unit and integration tests using Jest and React Testing Library.
- **Technologies:** React, React Router DOM, Emotion CSS, Jest, React Testing Library

Digital Scrapbook Editor

- Developed a browser-based scrapbook editor with support for .PSD files using HTML5 Canvas and PSD.js.
- Implemented custom UI logic for adding/removing layers and adjusting image positions for precise digital editing.
- Focused on performance and stability during complex graphic interactions.
- **Technologies:** JavaScript, HTML5 Canvas, CSS, PSD.js

Gym Reservation

- Built a Python-based bot using Selenium and ChromeDriver to automate gym slot reservations during COVID-19 restrictions.
- Automated login and reservation submission flow, reducing time spent navigating the system manually.
- Ensured secure session handling and reduced booking errors.
- **Technologies:** Python, Selenium, ChromeDriver

CERTIFICATIONS

- **Generative AI with Large Language Models** – DeepLearning.AI & AWS (Completed, 2025)
- **AWS Certified Cloud Practitioner** – In Progress

EDUCATION

Oregon State University - Bachelor of Science, Computer Science

2018 -2022