



PROFESSIONAL SUMMARY

Well-rounded full-stack developer with career-long record of professional/project success

Results-driven software architect highly regarded for developing applications that meet and exceed demanding corporate and client requirements. Sought for superb analytical skills, with the ability to solve challenging problems using a combination of industry standard and cutting-edge technologies, delivering clean, well-structured code. Skillset to work compatibly with clients to understand requirements and develop products that exceed quality expectations with on-time delivery. Academic qualifications include a BS in Software Engineering from Arizona State University.

- UX/UI Design
- Performance Testing
- Data Migration/Security

CORE COMPETENCIES

- Regulatory Compliance
- Complex Problem-Solving
- Cross-Functional Collaboration
- Communication
- Client Relations
- Documentation

PROFESSIONAL EXPERIENCE

PERO SEO INC., REMOTE, NOVEMBER 2022 TO PRESENT
SOFTWARE ARCHITECT

- Engineered a proprietary web-scraper capable of bypassing advanced bot protection measures, enhancing data collection capabilities.
- Prototyped an innovative WordPress theme builder utilizing Large Language Models (LLMs), streamlining the theme application and reducing vendor lock-in
- Participated in the development of a proprietary structured data tool
- Addressed and resolved a canonical URL issue; reduced 2506 affected pages to 0 with custom coded canonical redirect for <https://www.irs.com/en/>.
- Performed the menu infrastructure rebuild using custom JS/CSS/HTML for the main menu, catering menu, and drinks menu pages on <https://tgifridays.com/>.
- Automated some internal spreadsheets analysis of keyword opportunities
- Address and triage cursory technical ailments that may reduce SEO positioning such as speed and security

FIELDSEND MARKETING SERVICES, REMOTE, JANUARY 2019 TO NOVEMBER 2022
FREELANCE SOFTWARE DEVELOPER

- Processed client's requirements and built such specifications within or before the specified timeline; reported user engagement and concerns.
- Coordinated the site migration for progearrental.com; maintained 99% uptime through load-balancing.
- Spearheaded the integration of progearrental.com's SQL database to sync and sort itself into the CRM.
- Supervised the building and management of alpha-stim.com, including custom PHP and security measures to ensure full HIPAA compliance from 2019–2021 per client specifications.
- Designed Angular front ends with maximum compatibility with best practices for Interstate Batteries.

- Conducted web scraping with Python and Selenium to gather locations and descriptions from Google Business Profiles, informing Interstate All Battery Center market analysis.

DB ENGINEERING, MANSFIELD, TX, JULY 2016 TO APRIL 2017

DIRECTOR of R&D/DRAFTSMAN

- Enforced ISO 9001:2008 practices, including documentation standards and renewal of certification.
- Programmed CNC machines according to engineering drawings and managed operators' compliance to specifications.
- Maintained oversight of team activities and performance throughout research/development projects.
- Identified an opportunity to optimize water-jet paths using FlowMaster; reduced material pricing for clients and decreased annual costs by 6%.
- Guided the digitization and automation of paper engineering drawings to achieve faster and more consistent communication with the factory floor whilst providing an extra layer of redundancy.

EDUCATION AND CREDENTIALS

BACHELOR OF SCIENCE (B.S.) IN SOFTWARE ENGINEERING, 2022

Arizona State University

GPA: 3.02/4.00

PROJECTS

GYMORANDA FITNESS APPLICATION, JANUARY 2020 TO MARCH 2021

SOFTWARE DEVELOPER

- Coordinated with 5 team members in developing and testing a networked Java application for gym scheduling with different user tiers.
- Developed internal an API, providing a common interface for team members to easily integrate their code into the core application, saving the team several weeks and reducing technical debt.
- Functioned as lead Quality Assurance and Git master sharpening my ability to rigorously test new features; developed and maintained a continuous integration process.

ID PORTAL APPLICATION, SEPTEMBER 2021 TO MAY 2022

SOFTWARE DEVELOPER/PROJECT MANAGER

- Garnered professional experience as full-stack developer and Git master for Rogue Media.
- Tasked with creating a student identification application for web, iOS, and Android utilizing React, React-native, and Firebase.

ADDITIONAL INFORMATION

Languages: English, Novice French

Technical Proficiencies: C, C++, Assembly, Visual Basic, JavaScript/Typescript, XML/HTML, CSS, JSX, Ajax, REST- level-2, Docker, GraphQL, Bash, Visual Studio, Emacs, Vim, Eclipse, Linux

Interests: History, podcasting, Linux, maintaining a Minecraft server with mods, building collaborative web applications with small teams