ALEXANDER SANDERSON

asanderson1994s@gmail.com
+1 (360) 281-9758
https://www.linkedin.com/in/asanderson94/
https://github.com/Vexelior
https://vexelior.github.io

EDUCATION

GED DIPLOMA
GED Testing Services LLC
October 2020 - October 2020

CYBER SECURITY BOOTCAMP
The Tech Academy
June 2021 - October 2021

CompTIA Security+
CompTIA
January 2024 - January 2027

SOFTWARE DEVELOPMENT BOOTCAMP
The Tech Academy
January 2021 - June 2021

EDUCATIONAL SUMMARY

Completed immersive training programs in software development and cybersecurity, focused on building practical, job-ready technical skills through project-based learning and real-world simulations. Training emphasized both the theoretical foundations of computing and the hands-on application of industry tools, workflows, and security best practices.

Software Development Training
Developed a strong foundation in object-oriented programming (OOP), data structures, and algorithms, with a focus on building maintainable, scalable applications. Learned to design clean application architectures using C# and .NET, implement relational database models with SQL, and create dynamic web interfaces using HTML, CSS, and JavaScript. Faced a complex multi-layer project that required integrating a frontend, backend, and database under tight time constraints. Initially struggled with data consistency and state management between layers. Overcame this by designing clear contracts, improving error handling, and restructuring the codebase into service and repository layers — resulting in a stable and scalable application.

Cybersecurity Training
Built a strong foundation in network security, risk assessment, and defensive security practices, including hands-on experience with virtual machines, network simulations, and real-world attack/defense lab environments. Learned how to identify vulnerabilities, understand attacker methodologies, and apply mitigation strategies aligned with industry frameworks. Encountered a difficult lab scenario involving a simulated system compromise that required identifying the attack vector, containing the threat, and restoring system integrity. Initially misidentified the root cause. Overcame the challenge by methodically analyzing logs, network traffic, and system behaviors — ultimately securing the system and developing a repeatable incident response checklist.

PROFESSIONAL EXPERIENCE

Gainwell Technologies   **March 2024 - Present**
Associate Professional Application Designer

- Implement authentication and authorization mechanisms to secure user interactions and data access within the application.
- Develop RESTful & SOAP web services and APIs to support frontend functionalities and data exchange.
- Optimize application performance and ensure scalability, reliability, and security of UI components and web services.
- Participate in Agile development methodologies, including sprint planning, daily stand-ups, and sprint reviews, to deliver high-quality software increments.
- Troubleshoot and debug issues, conduct code reviews, and provide technical support to ensure the quality and stability of the software.
- Troubleshoot, debug, and upgrade existing systems.

The Tech Academy   **July 2021 - March 2024**
Instructor/Developer

- Execute full lifecycle software development.
- Programming well-designed, testable, efficient code.
- Produce specifications and determine operational feasibility.
- Write well-designed, testable code.
- Comply with project plans and industry standards.
- Troubleshoot, debug, and upgrade existing systems.
- Deliver instruction of high quality.
- Assess & Advise student learning.
- Review student assignments and provide quality feedback.
- Provide student support and guidance.
- Assist in program implementation and curriculum development.

Acreage Holdings LLC
Lead Sales Associate   **August 2019 - July 2021**

- •Complete daily inventory audits and adjustments as needed.
- •Help customers find appropriate items and accessories as needed.
- •Clean floors, windows, and walls to maintain a clean environment for employees and customers.
- •Practice state-regulated laws and procedures to ensure compliances are met and recorded.
- •Complete sales on the POS system and ensure proper cash handling procedures.

EMPLOYMENT SUMMARY

Software Developer and Cybersecurity professional with experience building secure, scalable applications and supporting enterprise systems, combined with a background in leading teams as a Lead Sales Associate. Proven ability to work in Agile environments, deliver high-quality technical solutions, and communicate effectively with both technical and non-technical stakeholders.

PROJECT HIGHLIGHTS

PayNudge   **July 2025**

https://github.com/Vexelior/PayNudge

Automated payment reminder system designed to streamline financial management and ensure timely bill or utility payments. Eliminates the stress of tracking multiple payment deadlines by automatically monitoring your payment schedule stored in Google Sheets. The application intelligently categorizes payments into three priority levels—overdue, due today, and upcoming (within 3 days)—and sends consolidated email reminders with professionally formatted HTML notifications.

Technical Overview

- .NET 8
- C# 12
- Google Sheets API

ThriveOne   **September 2024**

ARCHIVED

ThriveOne is a personal productivity and life-management application designed to help users take control of their finances, tasks, and daily responsibilities in a simple, streamlined system. The core goal of the project is to unify tools that are typically spread across multiple apps into a single, focused platform that encourages consistency, clarity, and long-term personal growth.

Technical Overview

- Frontend: Vue.js (Vue 3) with TypeScript
- State Management: Pinia
- Routing: Vue Router
- API Communication: Axios
- Backend: ASP.NET Core Web API (C#)
- Architecture: Clean Architecture principles with feature-based project structure
- Database: Relational SQL database
- Authentication: Token-based authentication with session handling and idle timeout logic
- Optional UI Tools: Tailwind CSS for scalable and responsive UI design

---

PROJECTS SUMMARY

Developed a variety of projects using ASP.NET Core, C#, and Vue.js implementing secure authentication, CRUD functionality, and real-time updates. I have built productivity tools, and automation scripts focusing on intuitive interfaces and reliable performance.

ADDITIONAL SKILLS

- Technical documentation and specification writing
- Cross-functional team collaboration
- Debugging and performance tuning
- Secure DevOps concepts
- Team leadership and mentoring

STRENGTHS AND EXPERTISE

HTML / CSS	SQL	Azure DevOps	Network Security
JavaScript	.NET	Object-Oriented Programming	Virtual Machines
C#	Version Control	Algorithms / Data Structures	Incident Response
Python	Microsoft Azure	Cryptography	Penetration Testing

PROFESSIONAL SUMMARY

Experience designing, building, and securing web and API-driven applications. Strong background in full software development lifecycles, authentication and authorization systems, and modern development practices. Experienced in Agile environments, performance optimization, and secure software architecture. Former technical instructor with a passion for mentoring, training, and improving software quality through best practices and clean code.

PROFESSIONAL LONGTERM GOALS

To grow into a team leadership role within a high-performing software development organization, where I can combine technical expertise with mentorship and strategic guidance. My goal is to develop and empower future leaders by fostering a culture of accountability, collaboration, and continuous improvement, while motivating my team to deliver precise, high-quality solutions and consistently perform at their highest potential.

asanderson1994s@gmail.com
+1 (360) 281-9758
https://www.linkedin.com/in/asanderson94/
https://github.com/Vexelior
https://vexelior.github.io