

Professional Summary

Dedicated Full Stack Engineer with 21 years of experience as a Military Veteran, complemented by a solid foundation in information security and risk management. Skilled in full-stack development principles with proficiency in programming languages such as Python, and JavaScript. Experienced in developing and maintaining web applications, collaborating with cross-functional teams to define and implement new features. Strong problem-solving abilities and background in troubleshooting, debugging, and optimizing applications for performance. Familiar with database technologies, including SQL, and basic industrial protocols. Committed to fostering team collaboration and providing constructive feedback during code reviews. **Active *Secret* Security Clearance.**

EDUCATION | CERTIFICATIONS

Undergraduate Certificate in Fundamentals of Cybersecurity | 2025 | City University of Seattle

Instruction & Technology | 2015 | Community College of the Air Force

Fitness Recreation & Services Management | 2013 | Community College of the Air Force

Security+, Project+ | CompTIA

Meta Full-Stack Software Engineer, Google It Automation w\ Python | Coursera

Responsive Web Design | FreeCodeCamp

TECHNOLOGICAL COMPETENCIES

Programming & Scripting Languages: Python, JavaScript, Bash Scripting, PowerShell Batch Files, Shell scripting, C/C++ (Currently Enrolled)

Virtual Machines (VMs): Oracle VirtualBox

Operating Systems: Windows, Ubuntu, Kali Linux, Embedded Operating Systems

Tools: Docker, Kubernetes, Bloodhound, Burp Suite, Gobuster, John the Ripper, Nmap, OWASP, Wireshark, VS Code, PyCharm, Visual Studio

Security Information and Event Management (SIEM) Systems: Splunk, Elastic

Security Frameworks and Benchmarks: NIST Cybersecurity Framework (CSF), NIST Special Publications 800-53, CIS Critical Security Controls

Security Compliance and Config Management Tools: STIG Viewer, SCAP

Version Control: Git, GitHub

Experience

Software Engineer (SkillBridge)

Allegiant Vets

9/02/24 – 02/27/2025

Yorktown, VA

- **Automated IT Processes:** Developed and deployed automation scripts, reducing manual workload by 30% and enhancing overall departmental efficiency, demonstrating proficiency in scripting and automation crucial for industrial automation.
- **Responsive Web Applications:** Designed and launched responsive web applications, ensuring cross-browser compatibility and mobile-first design principles, which improved user engagement by 20%. This showcases his ability to create user-friendly interfaces and robust applications.
- **Back-End Development:** Gained proficiency in back-end frameworks such as Python and Django, managing databases with SQL and NoSQL systems to support reliable application performance, highlighting his full-stack development skills.
- **Code Optimization:** Implemented best practices for web development, including code optimization and performance tuning, leading to a 25% improvement in load times, reflecting his capability to enhance system performance.
- **Collaborative Development:** Participated in code reviews and collaborated with cross-functional teams, providing constructive feedback that fostered a 25% increase in team code quality and project success rates, emphasizing his teamwork and leadership abilities.

Cybersecurity Analyst (Apprenticeship)

Rapid Ascent

10/14/24 – 02/14/2025

Yorktown, VA

- **Windows Server Administration:** Installed and configured Windows Server 2019 and Active Directory, managing user accounts and group policies to provide secure access for over 200 users, reducing connectivity issues by 22%. This experience highlights his expertise in system administration and security.
- **Virtualization Management:** Managed virtualized environments with VMware, overseeing virtual machine deployment to optimize resource utilization and enhance system performance by 18%. This demonstrates his ability to work with virtualization technologies, crucial for industrial automation.
- **Network Performance Optimization:** Collaborated with IT teams and conducted assessments to identify user needs, proposing solutions that improved network performance and decreased troubleshooting time by 20%. This showcases his problem-solving skills and ability to enhance network efficiency.
- **Web Development Enhancements:** Developed foundational skills in programming and web technologies, contributing to enhancements in web applications that improved user satisfaction scores by 25%. This reflects his capability in full-stack development and improving user experiences.

Projects

Personal Portfolio [Website](#)

- Designed and developed a responsive web portfolio to highlight skills, certifications, and projects.
- Utilized HTML, CSS, and JavaScript for a clean and effective user interface.

Weather App

- Created a dynamic and responsive user interface with React.
- Styled using Tailwind CSS and integrated Luxon for date and time functionalities.
- Fetched real-time weather data from the Open Weather API, ensuring accurate and up-to-date information.

Automated Scripting

- Developed a Python script to automate the processing and uploading images to a local server, utilizing libraries such as requests, os, and email.
- Implemented image processing by iterating through directories, selecting images with specific extensions, and uploading them to a local server.
- Generated reports based on data from JSON files and sent them as email attachments.
- Automated email notifications and reports sent using Python's email library.

Book recommender

- Developed an intelligent book recommendation system using large language models with Python, OpenAI, LangChain, and Gardio.
- Transformed book descriptions into mathematical representations for precise, content-based matching.
- Created a recommendation engine that helps readers discover their next favorite book.

Frontend website

- Developed a fully functional website for Little Lemon, a fictional restaurant.
- Implemented responsive design to ensure optimal user experience across various devices.
- Created a user-friendly booking form with client-side validation to enhance usability.
- Matched UI/UX design closely to Figma mockups, ensuring visual consistency.
- Utilized semantic HTML tags to improve accessibility and SEO.
- Conducted unit tests for form components and validation to ensure reliability and performance.

Backend website

- Built a comprehensive backend system for the Little Lemon fictional restaurant website.
- Designed and implemented a robust database using MySQL to efficiently manage restaurant data.
- Developed RESTful APIs using Django and Django REST Framework (DRF) to handle menu items, table bookings, and user authentication.
- Ensured optimal performance and scalability of the backend system through best practices and efficient coding techniques.
- Gained hands-on experience in tackling real-world challenges and implementing industry's best practices.