

Professional Summary

Dedicated Full Stack Engineer with over 20 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.**

Skills

**PYTHON PROGRAMMING | SYSTEM INTEGRATION | VERSION CONTROL (GIT) | AGILE
METHODOLOGIES | DEVSECOPS PRACTICES | PROBLEM-SOLVING | TEAM-ORIENTED |
JAVASCRIPT PROGRAMMING | DEBUGGING**

Experience

Software Engineer

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.

Senior Advisor

United States Air Force

8/01/23 – Present

Langley AFB, VA

- **Budget Management:** Oversaw a comprehensive budget of \$11M, executing \$7M for key programs that enhanced community services for 75K members, ensuring optimal resource allocation. Demonstrated strong financial management and strategic planning skills.
- **Operational Efficiency:** Streamlined operations for passenger processing by addressing 166 discrepancies, achieving efficiency and completing the task in under 92 hours. Showcased ability to optimize processes and improve operational workflows.
- **Contract Management:** Managed a \$200K contract for organizational performance during a high-profile Air Show, coordinating efforts of 22 private organizations and accommodating 60K attendees. Highlighted project management and coordination skills.
- **Training Initiative Planning:** Developed and maintained detailed operational plans for a \$547M F-22 training initiative, facilitating the preparedness of 46 jets and 586 personnel within a tight six-month timeframe. Demonstrated expertise in planning and executing large-scale training programs.

Sustainment Service Manager

United States Air Force

8/01/22 – 07/31/2023

Langley AFB, VA

- **Leadership and Training:** Led and trained over 650 personnel, enhancing teamwork and collaboration across 11 teams that provided sustainment services for 48,000 military, civilian, and retiree families. Demonstrated strong leadership and team-building skills.
- **Budget Management:** Managed a \$12M budget, effectively allocating resources to support 40 activities and 78 facilities, ensuring efficient mission support for the only DoD tri-service base in the U.S. Military. Showcased expertise in financial management and resource allocation.
- **Training Initiatives:** Spearheaded training initiatives for 115 personnel, resulting in a 20% increase in readiness scores, demonstrating a commitment to performance optimization and personnel development. Highlighted ability to enhance team readiness and performance.
- **System Development:** Developed and maintained internal systems to support service delivery, utilizing version control systems such as Git to track changes and enhance collaborative efforts among teams. Emphasized technical skills in system development and version control.

Operations & Training Manager

United States Air Force

11/01/18 – 7/31/2022

Langley AFB, VA

- **Operational Streamlining:** Streamlined operations by synchronizing 10 teams of 1,400 military, civilian, and contract employees, optimizing data flow to leadership for improved decision-making. Demonstrated ability to enhance operational efficiency and data management.
- **Mission Readiness Management:** Managed deployment and mission readiness for 121 personnel, ensuring preparedness for critical missions and enhancing overall operational readiness. Highlighted skills in planning and executing mission-critical operations.
- **Resource Optimization:** Collaborated with cross-functional teams to optimize resource allocation for training and mission execution, fostering a culture of excellence that elevated performance standards. Showcased expertise in resource management and team collaboration.
- **Advanced Reporting:** Utilized advanced reporting tools to prepare real-time data for executive leadership, enabling prompt responses to operational requirements and enhancing overall mission effectiveness. Emphasized proficiency in data analysis and reporting.

Dining Facility Manager

United States Air Force

8/22/18 – 10/31/2020

Langley AFB, VA

- **Operational Management:** Managed all aspects of dining facility operations, leading a team of 29 personnel and overseeing 45 contractors responsible for delivering 320,000 meals annually, demonstrated strong leadership and operational management skills.

- **Budget and Resource Management:** Developed and managed an operational budget of \$5.3M while ensuring efficient meal production and safeguarding over \$500K in equipment assets. Showcased expertise in financial management and resource allocation.
- **Safety and Compliance:** Implemented safety and sanitation protocols, achieving compliance with health regulations and ensuring a hygienic environment for staff and patrons. Highlighted attention to detail and commitment to safety standards.
- **Cross-Functional Collaboration:** Collaborated with cross-functional teams to enhance operational efficiency, promoting teamwork that resulted in improved morale and service quality within the dining facility. Emphasized ability to work effectively with diverse teams to achieve common goals.

Executive Aid | Combined Forces Air Component Commander

United States Air Force

8/01/17 – 08/1/2018

Langley AFB, VA

- **Administrative Optimization:** Provided comprehensive administrative support to the Component Commander, optimizing scheduling and correspondence management, contributing to a well-structured operational environment. Demonstrated strong organizational and administrative skills.
- **Property Maintenance and Security:** Supervised all aspects of property maintenance and security, ensuring high standards that upheld the integrity of the personal residence. Highlighted attention to detail and commitment to maintaining high standards.
- **Event Planning and Execution:** Planned and executed numerous official events, demonstrating strong organizational skills while handling food preparation and service, leading to positive feedback from guests. Showcased ability to manage complex logistics and deliver high-quality results.
- **Confidentiality and Professionalism:** Maintained confidentiality and professionalism while managing sensitive information, strengthening the reputation of the Component Commander and the Air Force. Emphasized integrity and discretion in handling sensitive tasks.

Instructor | Advanced Culinary Training

United States Air Force

7/01/15 – 07/31/2017

Langley AFB, VA

- **Program Development:** Spearheaded the development and delivery of advanced culinary training programs for joint service personnel, ensuring mastery of innovative culinary skills and techniques. Demonstrated strong instructional design and program management skills.
- **Curriculum Enhancement:** Collaborated with a team of culinary experts to refresh lesson plans and practical exercises, aligning training content with contemporary industry standards. Showcased ability to update and enhance educational materials.
- **Instructional Materials Creation:** Created detailed instructional materials and standard operating procedures, improving training effectiveness and overall student performance metrics. Highlighted skills in documentation and process improvement.
- **Student Mentorship:** Mentored students through complex culinary tasks, nurturing an environment that prioritized skill acquisition and excellence in culinary execution. Emphasized leadership and mentorship abilities.

CERTIFICATIONS

Security+ | CompTIA

Project + | CompTIA

Meta Full-Stack Engineer | Coursera

Introduction to Computer Science and Programming | Coursera

Google It Automation with Python Professional | Coursera

Responsive Web Design | freeCodeCamp

Education

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

Projects

Personal Portfolio [Website](#)

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

Weather App

- Built a weather application hosted on [GitHub](#)
- 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.

Genesis of Logs Project

- Monitored and analyzed system logs using tools like tail, grep, and Logwatch. Implemented real-time monitoring and HTTP status code analysis, identifying bottlenecks and reducing web service errors by 40%, improving overall system performance and user experience.

Log Fundamentals Project

- Analyzed system logs using command-line tools like grep, awk, and sed to identify patterns and anomalies. Generated file hashes to verify log integrity, improving incident detection speed by 30% and enabling faster troubleshooting of security and performance issues.

Logging and Analysis Project

- Investigated service interruptions by analyzing system logs, searching for patterns, editing files, and correlating events. Reduced average resolution time for service disruptions by 50%, enhancing service reliability and minimizing downtime.

Regular Expressions Project

- Developed and tested regex patterns for automating text processing tasks, including matching literals, identifying character classes, and grouping data. Improved log analysis accuracy and reduced processing time by 40%, enhancing root cause investigation capabilities.

Languages

English

Spanish

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