

EXPERIENCE

Software Engineer; Leidos – Jan 2025 to Present

- Design and engineer scalable enterprise services, building reusable, versatile software components.
- Rapidly prototype innovative Salesforce solutions to optimize vital Military Health operations.
- Accelerate time-to-market for high-impact outcomes, ensuring rapid and measurable value delivery.
- Secure crucial stakeholder adoption via compelling live demos and innovative Military Health apps.

Logistics Engineer; Leidos– Apr 2024 to Jan 2025

- Managed logistics operations for the FAA's \$292M E-IDS program, coordinating cross-functional support.
- Facilitated technology refresh plan to proactively address system upgrades and obsolescence challenges.
- Created hardware breakdown structure to support provisioning through top-down system evaluation.
- Generated warranty reports to track failures, assess provisions, and document coverage schedules.
- Conducted repair level and spares analysis to refine inventory and maintenance processes.

Integration Engineer; Leidos– Sep 2023 to Apr 2024

- Engaged with a specialized Tiger Team to fortify AWS physical security and protect vital systems.
- Optimized AI/ML algorithms to detect and neutralize potential data exfiltration threats for Amazon.
- Enhanced security operations, reducing checkpoint processing time to under 50 seconds per user.
- Designed and deployed automated self-service checkpoints to enhance security in AWS data centers.
- Assisted network engineering efforts to integrate critical infrastructure into the AWS cloud.

Software Engineer; Leidos – Jun 2021 to Sep 2023

- Planned and executed infrastructure upgrades for SkyDataSentry (SDS) under the FAA's ERAM program.
- Facilitated the transition to virtual machines, enhancing performance and scalability while reducing costs.
- Applied critical security measures to harden software infrastructure and guarantee compliance.
- Repaired 150+ hardware issues and upgraded 300+ servers to enhance performance and reliability.
- Boosted query speed by 30% via multiprocessing and threading to improve efficiency and responsiveness.
- Implemented UI/UX enhancements to SDS, optimizing design, navigation, functionality, and accessibility.

Full Stack Developer; Computer Aid, Inc. – Nov 2018 to Jun 2020

- Modernized a Procurement Development Application for the Florida Department of Transportation.
- Developed a Blazor/ASP.NET Core client project management tool with Azure DB integration.
- Automated the product registration page for Greenworks using Zendesk Sunshine.

EDUCATION

BS Computer Science, Minor in **Data Science** – College of Charleston

SKILLS

- Written 10,000+ lines of Java, Python, R, C, C#, SQL, Swift, JavaScript, HTML, and CSS
- 5+ years of experience in AI/ML, Analytics, .NET, PowerShell, Azure, Git, and 3D Printing
- Proficient in Networking, Linux, Virtualization, Server Administration, Hardware Troubleshooting
- Expertise in Web Hosting, DevOps Automation, Cloud Integration, and Cyber Security

ACTIVITIES

- Mentor Future Link students (Nov 2023–Present), guiding skill-building and career growth in SWE and AI/ML.
- Mentor CS students at CofC (Nov 2018–Present), assisting with hackathons, events, and academic growth.
- Built a Q&A app with Streamlit and Google Gemini, leveraging GenAI for interactive exploration of resume details.
- Regularly engage in programming competitions, showcasing problem-solving, algorithmic thinking, and efficiency.