

Charles Bostwick

Software & Cybersecurity Engineer

Email: Contact@CharlesCBostwick.com
Phone: (321)260-4060
LinkedIn: [LinkedIn.com/in/CharlesBostwick](https://www.linkedin.com/in/CharlesBostwick)
GitHub: [GitHub.com/AwaywithCharles](https://github.com/AwaywithCharles)
Portfolio: [CharlesCBostwick.com](https://charlescbostwick.com)

About

Proven problem-solver with background in Cybersecurity, Information Security (INFOSEC), Personnel Security (PERSEC), Database Management, and Industrial Security (IndSec) demonstrated through a 20-year career in the United States Military while concurrently testing, building, operating, and troubleshooting Aerospace Propulsion Platforms through various no-fail challenges.

Experience

United States Air Force, Multiple Positions (2005 – Present)

- Managed PERSEC, INFOSEC, and INDSEC program and concurrently rewrote Air Force Instructions, updated integrated maintenance database system discrepancies, and wrote emergency management protocols and publications which rectified critical safety concerns and leveraged Lean Six Sigma principles to streamline processes ultimately winning a Base level award and improving our organization ability to execute our mission.
- Leveraged technical acumen to Engineer a prototype Jet Engine Run Simulator, employed CAD design and software engineering principles to accurately develop and simulate Jet Engine Operations to allow mechanical controls to function correctly while saving \$30K per engine test and averting possible catastrophic engine failure while training.
- Led cybersecurity initiatives while serving as an organization Security Manager, managing critical government facilities, SCIF's, and classified equipment accounts; developed and implemented training plans based on key findings that I found while performing inspections and Site Assisted Visits (SAV) for each section in my organization.

Noble Crown Holdings LLC., Co-Founder (2022 – Present)

- Developed and implemented social media marketing strategies, enhancing online presence and engagement for clients that engaged collaborative opportunities with major technology firms, including Anker, Nvidia, and Amazon.
- Specialized in full-stack web development deploying SMS forwarding services via Twilio API, automated dropshipping services via WordPress and WooCommerce, and deployed print-on-demand services via Shopify.
- Managed cloud infrastructure, databases (DynamoDB, PostgreSQL, MongoDB), and AWS services (IAM roles, Route 53, EC2, S3, RDS, CloudWatch, Cloud9), optimizing scalability and cost-effectiveness for client systems and solutions.

VG Auction, Full-stack Developer (2005 –2009)

- Enhanced user engagement through social media marketing and improved website UI/UX with front-end development.
- Managed content and maintained consistent messaging, contributing to the platform's growth to over 50,000 users.
- Developed a comprehensive user guide and FAQ section, reducing customer service inquiries by 40%.
- Played a vital role in the platform's growth, leading to its acquisition in 2010 due to its substantial user base and revenue.

Education / Certifications

- BAS Software Development and Security (in-progress), University of Maryland Global Campus, 2024
- Security+ Certification, CompTIA, 2024 (in-progress)
- Undergraduate Certificate in Vulnerability Assessment, University of Maryland Global Campus, 2023
- Security Clearance, DoD/OPM, Last adjudicated 2022
- AAS Aerospace Maintenance Technology, Community College of the Air Force, 2013

Skills

- Problem Solving
- IT Operations
- Analytical Skills
- Cybersecurity
- Cloud Computing/AWS services
- Databases/DBA (MySql, SQL, Postgres, MongoDB)
- Object Oriented Programming (C++, Go, Python, Bash)
- Project Management
- Machine Learning
- Time Management
- Process Improvement
- Technical Writing
- Communication

Volunteering/Professional Organization Involvement

- AFWERX SBIR/STTR Evaluator, 2021-2023 - Partnered with the Headquarters Air Force AFWERX team to evaluate SBIR/STTR Phase I and Phase II contracts for commercial potential while using the Vision-X platform.
- DoD Journal of Research and Engineering Peer Reviewer, 2018-2022 –Reviewed assigned journal entries for technical merit.
- Member of Upsilon Pi Epsilon National Honor Society, ISACA, Institute of Electrical and Electronics Engineers, Association for Computing Machinery, and the Biomedical Engineering Society.