

Jason Sherman

Owner, Logical Software Solutions – <https://www.logicalsoftware.co> jsherman@logicalsoftware.co
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EDUCATION & TRAINING

- **BS, Software Engineering** (Summa Cum Laude), Colorado Technical University, May 2006
- **AAS, Criminal Justice**, Community College of the Air Force, Nov 2003
- **AAS, Electronic Systems Technology**, Community College of the Air Force, Aug 1995
- Continuous learning through self-directed projects and online courses across popular programming languages and technologies

CERTIFICATIONS

- (ISC)² CSSLP, 389654, Oct 2014 (Expired)
- (ISC)² CISSP, 389654, Mar 2012 (Expired)
- Google Cloud Professional Architect, 2020 (Expired)

QUALIFICATION HIGHLIGHTS

- Extensive experience in secure software development life cycle
- Proficient in: Node.js, JavaScript, Java, Python, Shell, NiFi, Redis, Elasticsearch, Postgres
- Strong leadership and mentorship skills

TECHNICAL SKILLS & EXPERTISE

- **Operating Systems:** Linux, Windows
- **Languages:** Typescript, Python, Java (6/7/8), JavaScript (ES6+), C++, Shell scripting
- **Cloud & DevOps:** AWS, Google Cloud, CI/CD pipelines, Docker, Ansible
- **Big Data & Distributed Systems:** NiFi, Spark, Hadoop, Kafka, Accumulo, Storm, Redis
- **Databases:** Postgres, Elasticsearch, TDF, JBlocks
- **Web & UI Development:** React, Redux, RTK Query, AngularJS, Vue/Vuetify, D3, Karma, Jasmine, Selenium, Protractor
- **Security & Intrusion Detection:** Security Onion, Nessus, NetWitness, EnCase, Honeypots, Custom network monitoring tools
- **Testing & Automation:** Selenium, Jasmine, Karma, Grok, Automated testing using Python and C++

PROFESSIONAL EXPERIENCE

Logical Software Solutions, LLC

Owner

09/2016 – Present

- **BzzyBoard** (03/2020 – Present): Designed and developed a hyper-local, family-oriented social app using Google Firebase and Google Cloud with CI/CD pipelines.
- **Iron EagleX** (06/2019 – 05/2020): Ported security tracking application to the Army's cloud system (AC2SP).
- **D4C Global** (05/2017 – 04/2018): Developed custom intrusion detection systems for high-net-worth clients' networks. Automated IP correlation and analytics.
- **DARPA** (09/2016 – 05/2017): Worked with data scientists to develop pseudo-random number detectors using advanced Java streaming techniques on multi-billion-row datasets.

AgileView AI

Sr. Software Engineer

01/2024 – Present

- Built the front-end enterprise application for AI Object Detection model development.
- Led the implementation of React/Redux/RTK Query for responsive design, and developed a custom bounding box view/edit/accept component.

Mantech International

Software Engineer, Sr. Principal

05/2019 – 10/2024

- Managed a team of four engineers across three projects.
- Designed and maintained the CyberLab application, which manages deployed assets and provides real-time status updates.
- Refactored outdated log processing systems, reducing processing times from 24+ hours to 3 hours.

Invictus International Consulting, LLC

Web Developer

09/2017 – 05/2019

- Led the development of a Business Intelligence Engine using Vue/Vuex.
- Improved UI tools for a Business Logic Data Warehouse, including adding pivot charts and automated testing.

CACI (L-3 NSS/Data Tactics Corporation)

Sr. Software Engineer

08/2015 – 08/2016

- Developed analytics systems for DARPA, enabling detection of advanced network threats.
- Designed ingest capabilities for the Tactical Cloud Reference Architecture.

Pragmatik IO Solutions, LLC (Startup)

VP Engineering / Technical Lead

04/2015 – 07/2016

- Led a geographically dispersed team of engineers to develop a disruptive network monitoring defense system using virtual networks and honeypots.

Data Tactics Corporation

Sr. Software Engineer

07/2010 – 04/2015

- Evangelized secure development practices, integrating tools such as TDD, static analysis, and Scrum into the workflow.
- Architected and implemented big data solutions for US Government and DoD projects.

Mantech International

Cyber Counterintelligence Analyst / Forensic Engineer

07/2009 – 06/2010

- Developed and operated honeypots for national-level cybersecurity operations.
- Performed penetration testing, vulnerability assessments, and digital forensics.

United States Air Force

Special Agent, AFOSI

01/2002 – 07/2009

- Led cyber investigations, including deploying to Iraq as EDET 2409 Superintendent.
- Briefed senior leadership on national security investigations involving APT actors.

United States Air Force

Ground Radio Maintenance Technician

09/1989 – 01/2002

- Led tactical communications teams and improved mission capability rates for critical operations.

PERSONAL PROJECTS

- Built a 5-node Kafka/Storm cluster with high availability.
- Developed Python-based stock analysis tools and C++/MFC-based logic solvers as learning tools.

AWARDS & RECOGNITION

- Meritorious Service Medal, Air Force Commendation Medal (3 oak leaf clusters), Joint Service Achievement Medal
- 33d Field Investigations Squadron/2d Field Investigations Squadron Team of the Quarter (awarded 3 times)
- Recognized as the 375th AES Non-Commissioned Officer of the Quarter