Sean Sica
Sr. Software Systems Engineer

👤 About Me

A highly experienced IT professional with 7 years of experience in operations, network engineering, and DevOps as well as 2 years in software engineering, seeking to leverage skills in distributed systems and cloud technology to work on back-end infrastructure at scale. Holds an active Department of Defense (DoD) secret clearance.

🪪 Contact Information

Location: Boston, MA

✅ Skills & Expertise

⭐⭐⭐ Proficient

Languages: TypeScript, Python
Frameworks: NestJS, Flask
Platforms: Docker, Ansible
Misc: GitHub Actions, GitLab CI, Networking fundamentals (TCP/IP, OSPF, EIGRP, MPLS, VXLAN)

⭐⭐ Comfortable

Languages: Java
Frameworks: Spring Boot, ExpressJS
Platforms: AWS (API-GW, Lambda, DDB, EC2), Nginx, Jfrog Artifactory, MongoDB, MySQL, Ansible Tower, ActiveMQ
Misc: Protobuf Buffers (gRPC), JMS, Hibernate

⭐ Familiar

Frameworks: React.js, NextJS, Angular
Misc: Neural networks/Deep learning fundamentals

💼 Professional Experience

Senior Software Systems Engineer at The MITRE Corporation

📅 *Aug 2021—Current*

- Building and maintaining open-source web applications that enable ATT&CK© researchers to store, organize, and publish cyber threat intelligence.
- Leading the modernization of a legacy web application with renewed sponsor interest.

Senior Network Engineer at The MITRE Corporation

📅 *Nov 2018—Aug 2021*

- Lead network engineer for the MA-based corporate data center. Reduced technical debt and ticket time to resolution by implementing Cisco ACI and configuration-as-code using ReactJS, Python and Ansible.

Network Engineer at Neoscope

📅 *Sep 2017—Nov 2018*

Network Engineer at CMIT Boston / Apogee ITS

📅 *Feb 2015—Aug 2015*

Intern at CMIT Boston / Apogee ITS

📅 *Feb 2015—Aug 2015*

Technician at UNH InterOperability Laboratory (IOL)

📅 *Jun 2014—Aug 2015*

🎓 Education

Bachelor of Science, Computer Science

🏛 **Boston University** *Completed 2021*

Associate of Arts, Engineering

🏛 **Great Bay Community College** *Completed 2014*

💼 Certifications

Ekahau Certified Survey Engineer *Completed 2018*

CCNA Wireless *Completed 2018*

CCNA Routing & Switching *Completed 2017*

Network+ *Completed 2015*