

Anthony Oleska

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PROFESSIONAL EXPERIENCE

Motorola Solutions – *NOC Technical Specialist* – Brooklyn, NY **March 2024 - Current**

- Providing comprehensive support for both legacy 911 and Next Gen 911 systems across NYC's Public Safety Answering Centers (PSAC), ensuring uninterrupted emergency communication services.
- Utilizing Wireshark + TShark and automation scripts to analyze network traffic, enhancing the efficiency and accuracy of data interpretation for timely troubleshooting and optimization by roughly 45%.
- Monitored and troubleshooted virtual machines, Kubernetes containers, and underlying server infrastructure for multiple data centers in both Windows and RHEL environments.

Per Scholas – *Technical Tutor* – Brooklyn, NY **February 2023 – Current**

- Provides both 1-on-1 and group tutoring for individuals enrolled in the AWS re/Start Program
- Assists learners with robust and proven AWS labs, workshops, and exam preparation strategies

Nagarro – *Associate Engineer (NOC)* – New York, NY **August 2023 – March 2024**

- Utilized endpoint management, identity management, and ITSM tools alongside custom macros and automation to streamline incident resolution, resulting in a 27% increase in the efficiency in ticket resolution
 - Proactively monitored and addressed network alerts, achieving a 30% reduction in incident response time for network outages/issues, demonstrating efficiency and contributing to a resilient IT infrastructure.
 - Actively monitored the network infrastructure of NYC Public Schools, ensuring prompt detection of any anomalies or potential issues.
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PROJECTS

NYC Next Generation 911 - Network Large Scale Testing

- Executing test cases and scripts in alignment with NYC's functional requirements, ensuring compliance and operational efficiency for the Next Gen 911 infrastructure.
- Collected and analyzed data and packet captures during test case execution, identifying root causes of network issues and ensuring thorough validation of intended system behavior.
- Developing, updating, and redlining NG911 documentation and knowledge base, contributing to improved operational procedures and resource accuracy for future operations.

Cloud Resume Challenge - IaC Orchestrated AWS Portfolio

- Developed a resume website with serverless architecture by utilizing DynamoDB, API Gateway, and Lambda functions. Deployed the website using CloudFront, Route53, and AWS Certificate Manager.
- Provisioned resources using Infrastructure as Code (IaC) principles with Terraform to ensure scalability, repeatability, and infrastructure consistency. The website is managed and updated through GitHub Actions.

3 Tier Architecture - Highly Available RDS and EC2 Integration

- Constructed a robust multi-tier architecture on AWS by utilizing RDS, EC2 instances, and networking components across a multi-AZ VPC. Subnets, security groups, and routing tables, and other networking components were configured to properly secure and decouple all provisioned resources.
 - Implemented a fault-tolerant VPC infrastructure with application load balancers and auto scaling groups for the EC2 instances in each tier, ensuring high availability, and optimal resource allocation.
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EDUCATION & CERTIFICATIONS

Science Logic - SL1 Professional Certificate **Feb 2024**

AWS Certified Solutions Architect - Associate **Jan 2024**

AWS Certified Cloud Practitioner **June 2023**

Per Scholas – AWS/Restart – Remote **June 2023**

- *Cloud Practitioner Training* – Intensive, hands-on AWS course focused on real-world applications.

New York City College of Technology, Brooklyn, NY **2020**

- *Bachelors* – BTECH Computer Systems