

Andre Parrish

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Cybersecurity Engineer

Determined aspiring cybersecurity professional with a proven track record in IT system and network administration, IT operations and cloud engineering. Eager to leverage my multifaceted background and dedication to continuous learning to excel in the dynamic world of cybersecurity.

Recently completed the Google Cybersecurity Certificate, a rigorous, skill-based program that covers key cybersecurity knowledge and skills.

EDUCATION

Bachelor Of Science in Computer Science

Stevens Institute Of Technology • May 1991

CERTIFICATIONS

Google Cybersecurity Certificate

Coursera • Oct 2023

CompTIA Security+

CompTIA • Aug 2023 - Aug 2026

Google Cloud Professional Cloud Architect

Google • Feb 2022 - Feb 2025

Google Cloud Certified - Associate Cloud Engineer

Google • Aug 2022 - Aug 2025

Amazon Web Services Solutions Architect - Associate

Amazon Web Services • Sep 2022 - Sep 2025

WORK EXPERIENCE

Taos, an IBM Company

Infrastructure Specialist/Cloud Engineer • Mar 2021 - Nov 2022

- Proactively identified operational issues and collaborated with client engineering teams to implement effective solutions, ensuring smooth project execution.
- Collaborated closely with client teams, actively participating in the review and approval process for pull requests related to infrastructure as code (IaC) development.
- Served as a cloud infrastructure consultant to Taos and IBM client teams, providing technical and project delivery insights to ensure secure, reliable infrastructure and support cloud migration/transformation projects.
- Collaborated with internal teams by delivering comprehensive task breakdowns and accurate time estimates, facilitating effective project planning.

- Tools - Bash, YAML, Puppet, Amazon Web Services (AWS) , Linux, Git, GitOps, Python, DevOps, Data Management, Google Cloud Platform (GCP)

Elsevier

System and Network Administrator / Senior Software Engineer • Jun 2005 - Mar 2019

- Established strong collaborative relationships with colleagues, gaining a deep understanding of their roles and providing assistance as needed. Recognized and rectified environmental inconsistencies by implementing standardized configurations. Introduced automation to replace manual tasks, optimizing efficiency. Collaborated with developers to enhance the quality of their outputs, facilitating more effective debugging and automation efforts at the system level. Achieved significant automation milestones, including data ingestion, transformation for dev and staging environments, anomaly detection, and streamlined production update releases with minimal manual intervention, increasing productivity by over 250%.
- Provided critical operational support during software releases, ensuring smooth deployment and minimal disruption to production systems.
- Mentored internal staff in various technical domains, fostering skill development and knowledge sharing within the team.
- Defined and rigorously tested disaster recovery procedures, assuring the organization's ability to swiftly recover from unexpected disruptions and maintain operational continuity.
- Worked on cloud migration projects for several Elsevier product teams. Created infrastructure as code, using Puppet, Terraform, Jenkins, Packer and other tools to create/configure/deploy resources in AWS environments.
- Tools - BASH, GitLab, Github, AWS, Puppet, Python, Terraform, Packer, Artifactory, Elastic Stack, Jenkins, Nessus, TCPdump, Firewalls, Veritas Volume Manager, Fibre-channel RAID storage, TCP/IP networking, and more.

Senior System and Network Administrator • Apr 2002 - Jun 2005

- Conducted comprehensive vulnerability assessments on internal servers, leveraging findings to recommend mitigation strategies and establish a robust security baseline.
- Developed tailored modules for application monitoring system, enhancing event monitoring and notification processes for critical production applications.
- Managed network backup systems and executed off-site tape rotation processes, ensuring robust data protection and disaster recovery capabilities.
- Upgraded and reconfigured networking components to address performance and stability concerns, enhancing the overall reliability and efficiency of the network infrastructure.
- Carried a pager and promptly responded to after-hours system alerts, ensuring the availability and integrity of critical systems even outside of regular working hours.
- Configured and optimized server environments within a New York City data center as part of an office move. Collaborated with local network administrators to establish processing and database services for staging and development environments, contributing to the smooth transition of critical operations.

Taos, The Sysadmin Company • New York, New York • Full-time

Senior System and Network Administrator • Dec 1999 - Oct 2001

Nordea • New York, New York • Full-time

System and Network Administrator • Jun 1993 - Dec 1999

SKILLS & INTERESTS

Agile Software Development, Ansible, Bash, CI/CD Pipelines, Cloud Migration, CloudFormation, CloudWatch, Configuration Management, Containerization, Continuous Delivery, Continuous integration, Data Backup, Data Management, Data Migration, Data Processing, Disaster Recovery, DNS, Docker, DR Strategy, ElasticSearch, Enterprise-Level Infrastructure, Firewalls, Git, Go/GoLang, Google Cloud Platform(GCP), Identity & Access Management (IAM), Infrastructure as Code, Jenkins, Jira, Linux, Mentoring, Network Infrastructure, NIST Cybersecurity Framework (CSF), nmap, Platform Modernization, Problem Solving, Process Improvement, Production Environment, Public Cloud, Puppet, Python, Regulatory Compliance, Research, Software Engineering, SQL, System Administration, tcpdump, Technical Requirements Analysis, Terraform, Web Application Firewall, Wireshark, Suricata, Automation, Snort, SIEM tools, Security frameworks and controls, Incident response, Security hardening, Vulnerability Management, AWS, Guitar, Japanese Language