



MICHAEL ANDERSON

Senior SDN Engineer

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SUMMARY

Dynamic SDN Engineer with over 8 years of experience in designing and implementing software-defined networking solutions for large-scale data centers. Proven expertise in network automation, orchestration, and virtualization technologies. Adept at collaborating with cross-functional teams to optimize network performance and enhance security protocols. Skilled in programming languages such as Python and Go, with a strong background in Linux environments.

WORK EXPERIENCE

Senior SDN Engineer Tech Innovations Inc.

Jan 2023 - Present

- Designed and implemented SDN architectures for cloud services, improving scalability by 40%.
- Automated network provisioning processes using Ansible and Python, reducing deployment time by 50%.
- Collaborated with security teams to integrate SDN with advanced threat detection systems.
- Monitored network performance and implemented optimizations that increased throughput by 25%.
- Conducted training sessions for junior engineers on SDN best practices.
- Participated in cross-functional teams to enhance overall IT infrastructure security.

Network Engineer Global Networks LLC

Jan 2020 - Dec 2022

- Managed and optimized SDN solutions for enterprise clients, enhancing service delivery.
 - Implemented network monitoring tools to identify and troubleshoot performance issues.
 - Worked with vendors to evaluate and integrate new SDN technologies.
 - Developed scripts for automated network management that improved operational efficiency.
 - Supported migration of legacy systems to SDN frameworks with minimal downtime.
 - Provided technical support and guidance during network incidents, ensuring quick resolution.
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EDUCATION

Bachelor of Science in Computer Engineering, University of Technology, 2014

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** SDN, Network Automation, Python, Go, Linux, Ansible, Network Security, Virtualization
- **Awards/Activities:** Reduced network operational costs by 30% through effective SDN deployment.
- **Awards/Activities:** Received 'Employee of the Year' award for outstanding project contributions in 2019.
- **Awards/Activities:** Successfully led a team that achieved 99.9% network uptime over a 12-month period.
- **Languages:** English, Spanish, French