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# Michael Hayes

SDN engineer with 9+ years of experience designing **software-defined network architectures**, automating configurations, and integrating **cloud-native networking solutions** for enterprises and service providers. Skilled in **SD-WAN, network virtualization, and programmable networking frameworks**.

## PROFESSIONAL EXPERIENCE

Senior SDN Engineer | February 2018 - Present  
CloudNet Technologies | Boston, MA

- Designed and deployed **SDN-based enterprise networks**, improving agility and reducing operational costs by **30%**
- Automated **network provisioning workflows using Python and Ansible**, cutting manual configuration time by **50%**
- Led **multi-cloud SD-WAN deployments** for enterprise clients, enhancing global connectivity
- Integrated **Kubernetes-based network orchestration**, reducing service rollout times


Network Automation Engineer | May 2014 - January 2018  
NextGen Systems | Boston, MA


- Developed custom **Python scripts for network monitoring and automated remediation**, reducing outage response times by **40%**
- Assisted in migrating traditional **MPLS-based networks to SD-WAN solutions**, cutting WAN costs by **25%**
- Implemented **BGP and segment routing** for data center fabric networks


## CERTIFICATIONS


- Cisco Certified DevNet Professional (CCDP)
- Juniper Networks SDN and Automation Certification (JNCIA-DevOps)

## CONTACT

 (123) 456-7890

 email@example.com

 LinkedIn | Portfolio

 Boston, MA

## EDUCATION

- Master of Science Computer Networking

Northeastern University

## KEY SKILLS

- SDN and NFV (Network Functions Virtualization)
- SD-WAN and cloud network automation
- OpenFlow, NETCONF, and YANG modeling
- Network orchestration with Kubernetes and Docker
- Python and Ansible for network automation