



# MICHAEL ANDERSON

## Senior Network Automation Engineer

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### SUMMARY

Results-driven Network Automation Engineer with over 8 years of experience in designing, implementing, and optimizing network automation solutions for large-scale enterprises. Proven track record in enhancing network performance and reliability through innovative automation strategies using Python, Ansible, and Cisco's automation tools. Adept at collaborating with cross-functional teams to identify automation opportunities and deploy effective solutions that reduce operational costs and improve service delivery.

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### WORK EXPERIENCE

#### Senior Network Automation Engineer Tech Solutions Ltd.

Jan 2023 - Present

- Developed automation scripts using Python and Ansible to streamline network configuration management.
- Implemented CI/CD pipelines for network changes, reducing deployment time by 40%.
- Collaborated with network architects to design automated testing protocols for new hardware.
- Trained junior engineers on automation best practices and tools.
- Monitored and optimized automated workflows, leading to a 30% increase in efficiency.
- Performed root cause analysis on network failures, implementing automated recovery processes.

#### Network Engineer Global Networks Inc.

Jan 2020 - Dec 2022

- Managed day-to-day network operations, ensuring 99.9% uptime.
  - Implemented network monitoring tools, leading to proactive issue resolution.
  - Worked with cross-functional teams to automate routine network tasks.
  - Documented network configurations and processes to improve knowledge sharing.
  - Assisted in the deployment of a new network topology that enhanced performance.
  - Conducted training sessions on network automation tools for technical staff.
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### EDUCATION

#### Bachelor of Science in Computer Networking, University of Technology, 2014

Sep 2019 - Oct 2020

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### ADDITIONAL INFORMATION

- **Technical Skills:** Python, Ansible, Cisco, Network Monitoring, CI/CD, Troubleshooting
- **Awards/Activities:** Reduced network configuration errors by 25% through automation.
- **Awards/Activities:** Received the 'Innovator of the Year' award for outstanding contributions to network automation.
- **Awards/Activities:** Successfully led a project that automated 80% of routine network tasks, saving over 200 man-hours monthly.
- **Languages:** English, Spanish, French