



# MICHAEL ANDERSON

## Senior Infrastructure Engineer

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### SUMMARY

Dynamic Infrastructure as Code Engineer with over 8 years of experience in automating deployment processes and managing cloud infrastructure. Proven expertise in leveraging tools like Terraform, Ansible, and AWS to create scalable, cost-effective solutions. Adept at collaborating with cross-functional teams to drive continuous improvement and streamline workflows. Passionate about DevOps culture and agile methodologies, fostering a collaborative work environment.

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### WORK EXPERIENCE

#### Senior Infrastructure Engineer Tech Innovations LLC

Jan 2023 - Present

- Designed and implemented CI/CD pipelines using Jenkins, reducing deployment time by 40%.
- Automated infrastructure provisioning on AWS with Terraform, achieving significant cost savings.
- Managed configuration management using Ansible, ensuring consistency across environments.
- Collaborated with development teams to integrate monitoring solutions using Prometheus and Grafana.
- Conducted security audits and implemented best practices, improving compliance by 30%.
- Mentored junior engineers in DevOps practices and tools, enhancing team capabilities.

#### Infrastructure Developer Cloud Solutions Inc.

Jan 2020 - Dec 2022

- Developed infrastructure as code templates to streamline environment setup across multiple regions.
  - Implemented automated backup solutions, ensuring data integrity and recovery in less than 2 hours.
  - Facilitated cloud migration projects, successfully migrating legacy systems to AWS without downtime.
  - Performed regular system health checks and optimizations, enhancing performance by 20%.
  - Integrated security monitoring tools to detect vulnerabilities in real-time.
  - Documented processes and best practices, improving team knowledge sharing.
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### EDUCATION

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

Sep 2019 - Oct 2020

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### ADDITIONAL INFORMATION

- **Technical Skills:** Terraform, Ansible, AWS, Jenkins, Python, Bash, Docker, Kubernetes
- **Awards/Activities:** Reduced cloud infrastructure costs by 25% through optimization strategies.
- **Awards/Activities:** Recognized as Employee of the Month for outstanding contributions to DevOps initiatives.
- **Awards/Activities:** Successfully led a project that enhanced system resilience, achieving 99.99% uptime.
- **Languages:** English, Spanish, French