



MICHAEL ANDERSON

Senior Site Reliability Engineer

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SUMMARY

Dedicated Site Reliability Engineer with over 7 years of experience in automating and streamlining operations and processes. Proven expertise in developing and managing reliable infrastructures that support high availability applications. Strong knowledge in cloud technologies, particularly AWS and Azure, while proficient in scripting languages such as Python and Bash. Adept at utilizing monitoring tools to ensure system uptime and performance, while implementing best practices for security and compliance.

WORK EXPERIENCE

Senior Site Reliability Engineer Tech Innovations Ltd.

Jan 2023 - Present

- Designed and implemented a CI/CD pipeline that reduced deployment times by 50%.
- Managed Kubernetes clusters to enhance application scalability and availability.
- Developed monitoring solutions using Prometheus and Grafana to track system health.
- Collaborated with software engineers to troubleshoot and resolve production issues.
- Optimized cloud resources in AWS, resulting in a 30% reduction in costs.
- Conducted regular disaster recovery drills to ensure business continuity.

Site Reliability Engineer NextGen Solutions

Jan 2020 - Dec 2022

- Implemented infrastructure as code using Terraform to streamline environment setup.
 - Monitored system performance and reliability using ELK stack, achieving 99.9% uptime.
 - Automated backup processes which improved data recovery times by 40%.
 - Worked with development teams to ensure application performance under load testing.
 - Participated in incident response planning and execution, reducing average resolution time by 25%.
 - Trained junior engineers on best practices in site reliability.
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EDUCATION

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

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** AWS, Azure, Kubernetes, Terraform, Python, Bash, Prometheus, Grafana, ELK stack
- **Awards/Activities:** Led a project that increased system reliability, resulting in a 15% improvement in user satisfaction.
- **Awards/Activities:** Awarded 'Employee of the Year' for outstanding contributions to cloud infrastructure management.
- **Awards/Activities:** Published an article on best practices in SRE in a leading tech journal.
- **Languages:** English, Spanish, French