Aakash Choudhary

 Aakash Choudhary | ✉ aakashc.work@gmail.com | +91-9027219749

SUMMARY

Dynamic and results-oriented SRE/DevOps Engineer with 3 years of comprehensive experience in automating infrastructure and optimizing data workflows. Proficient in leveraging cloud technologies such as AWS and Azure, I specialize in Infrastructure-as-Code (IaC), CI/CD pipelines, and container orchestration. My expertise extends to data engineering, utilizing Azure Data Factory, Databricks to build scalable data processing solutions. A collaborative problem solver, I am passionate about driving innovation and efficiency in cloud infrastructure and data management, seeking a role that challenges my skills while contributing to impactful data-driven decisions.

WORK EXPERIENCE

SRE/DevOps Engineer, Sopra Steria India   July 2022 - Present

- Led and implemented enterprise-wide DevOps initiatives, including migration of on-premises infrastructure to AWS and Azure cloud platforms, resulting in 40% improved scalability and 25% cost reduction through automated resource management.
- Architected and optimized CI/CD pipelines using Jenkins and GitLab CI/CD, implementing Git branching strategies and automated testing, resulting in 35% faster deployment cycles and enhanced cross-team collaboration.
- Designed and managed containerized microservices architecture using Docker, orchestrated with EKS/AKS clusters and Helm charts, achieving 30% reduction in operational overhead and 50% improvement in application availability.
- Established comprehensive monitoring and observability framework using Prometheus, Grafana, and Datadog, implementing custom dashboards and alerting policies that improved incident response time by 25% and enabled proactive system health management.
- Implemented Infrastructure as Code using Terraform and Ansible for multi-cloud environments, creating reusable modules and automating configuration management, reducing manual intervention by 40% and achieving consistent infrastructure deployment.
- Developed and maintained automation scripts using Python, Bash, and PowerShell for routine operational tasks, including log analysis and security compliance checks, improving team efficiency by 30%.

Associate Engineer, Indus Valley Partners   Oct 2021 - May 2022

- Developed and optimized SQL Server database schemas and stored procedures, leading to a 15% enhancement in query performance and overall database efficiency.
- Utilized MS SQL, SQL Server, and C to implement data-driven solutions, facilitating improved data reporting and business intelligence capabilities.

Technical Skills

Cloud Platforms:	AWS (EC2, S3, VPC, IAM, RDS, ECS, EKS, CloudWatch), Azure (VMs, AKS, Blob Storage, VNets, Azure AD)
Data Engineering:	Azure Data Factory, Azure Data Lake Storage
Infrastructure as Code (IaC):	Terraform (Cloud resource configurations)
Containerization and Orchestration:	Docker, Kubernetes (EKS management), Helm
CI/CD:	Jenkins (Pipeline configuration, plugin usage), GitLab CI/CD
Configuration Management:	Ansible (Playbook automation, role management)
Monitoring and Observability:	Prometheus (Monitoring, alerting), Grafana (Visualization), Datadog
Scripting/Programming Languages:	Bash (Automation scripting), Java (Automation, development), Python
Version Control Systems:	Git (Version control, branching, merging)
Database Technologies:	SQL (Database management, querying)

Education

Bachelor's Degree in Computer Science and Engineering (CSE), ABESIT   (2018 - 2022)

Certifications

- HashiCorp Certified: Terraform Associate (003) click here
- Microsoft Certified: Azure Fundamentals AZ-900 click here
- AWS Certified Solutions Architect – Associate

Appreciations

- Certificate of Excellence "Falcon Award" by Sopra Steria India
- Certificate of Appreciation "Spot Award" by Sopra Steria India

Soft Skills

- Effective collaboration with cross-functional teams
- Adaptability to new technologies and challenges
- Resilience in the face of setbacks or obstacles