Mohamed Tabrez Saqib Ubaidur Rahman, M.Eng.

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with over 2.5 years of experience in automating, optimizing, and managing mission-critical deployments in AWS and Azure. Proven track record of reducing deployment times through the implementation of CI/CD pipelines and infrastructure as code practices. Adept at collaborating with cross-functional teams to enhance system reliability, security, and scalability. Skilled in scripting, containerization, and monitoring, with a strong focus on continuous improvement and operational excellence.

TECHNICAL SKILLS

Infrastructure as Code: Terraform, Azure Resource Management (ARM) templates, Ansible

Container Orchestration & Configuration Management: Kubernetes, Docker, Ansible, EKS, AKS

CI/CD & Version Control: Jenkins, Git

Cloud Services: AWS, Azure

Monitoring & Networking: Helm, Prometheus, Grafana, Datadog, TCP/IP, DNS

Operating System & Scripting: Linux, Windows, Bash

Azure DevOps Services: Azure Boards, Azure Repos, Azure Pipelines, Azure Test Plans, Azure Artifacts

AWS DevOps Services: AWS Code Pipeline, AWS CodeBuild, AWS Lambda, AWS CloudWatch

CERTIFICATIONS

Designing and Implementing Microsoft DevOps Solutions (AZ-400)   Oct 2024
- Azure DevOps CI/CD pipeline tools and Microsoft DevOps solutions.

Microsoft Azure Fundamentals (AZ-900)   Dec 2020
- Cloud Azure fundamentals and architecture.

WORK EXPERIENCE

DevOps Engineer   Jan 2025 – Present

Integrate, Chennai

- Engineered end-to-end CI/CD pipelines and streamlining application delivery.
- Rendered image upgrade automation workflows, enhancing security and reducing manual image maintenance by over 45%.
- Provisioned Kafka resources using Terraform, ensuring consistent and scalable infrastructure deployment.
- Migrated monitoring stack from DataDog to Prometheus and Grafana, improving observability and reducing costs.
- Applied and tested istio service mesh for traffic management and security in microservices architecture.

DevOps Engineer   Jun 2023 – Aug 2024

Fredericton Botanical Garden Association, Fredericton

- Designed and implemented scalable Azure infrastructure solutions, supporting an increase in user base.
- Led the migration of legacy systems to Azure DevOps, reducing operational costs.
- Integrated monitoring and logging solutions, improving incident response times by 40%.
- Automated deployment processes using Ansible, decreasing manual intervention by 60%.
- Collaborated with cross-functional teams to ensure seamless integration and deployment of applications.

Application Development Analyst, DevOps Analyst   Aug 2018 - Aug 2021

Accenture, Chennai

- Optimized hospital scheduling and billing tools for patients and providers using Cadence, reducing appointment scheduling errors by 30%.
- Developed, automated, and maintained budget reports using PL/SQL and BI Publisher.
- Presented logical games implementing React.js and monitored user engagement.
- Automated infrastructure provisioning with Terraform, increasing deployment efficiency.
- Conducted regular performance reviews and rendered improvements, resulting in a boost in application performance.

EDUCATION

Master of Engineering, Electrical, and Computer (3.9/4.3)   Sep 2021 – May 2023

University of New Brunswick, Fredericton

Bachelor of Engineering, Electronics, and Communication (8.1/10)   Aug 2014 - Apr 2018

Anna University, Chennai

PROJECTS

NB Plants App   Jun 2023 – Aug 2024

Fredericton Botanical Garden Association, Fredericton

- Programmed the migration of a complex legacy system to Azure, reducing operational costs by 35%.
- Designed and implemented a robust disaster recovery plan, ensuring system availability.
- Automated deployment processes using Ansible, cutting down deployment time by 60%.
- Developed and executed a comprehensive testing strategy, improving system stability and performance.

Mental Health App   Jun 2020 – Sep 2020

Accenture, Chennai

- Developed a robust CI/CD pipeline using Azure DevOps, reducing deployment time by 40%.
- Configured and managed Azure DevOps services, including Azure Repos, Azure Pipelines, and Azure Artifacts to streamline development workflows.
- Integrated automated testing into the pipeline, improving code quality and reducing bugs.
- Monitored app performance using Azure Monitor, minimizing incident response times.

AWARDS

Best Infographic Award – UNB Data Challenge   Dec 2021

- For depicting and presenting the economic impact of local and large-scale industries in New Brunswick.

Ace Award – Accenture   May 2021

- For building trust, gaining recognition and appreciation within a few months with the new client.

Pinnacle Award - Accenture   Feb 2021

- For being the torchbearer of continuous innovation and agility at scale.

EXTRA-CURRICULARS

Electronics and Communication Department of MSEC   Jun 2016 – Mar 2018

- Served as the President of the department and conducted a national-level technical symposium, conferences, and seminars.

English Literary and Cultural Society of St. Bede's   Jun 2012 – Mar 2014

- Represented my team as the Cultural Secretary and organized various inter-state cultural events and debates.