

Mohamed Tabrez Saqib Ubaidur Rahman, M.Eng.

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Results-driven DevOps Engineer with over 4 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

CI/CD & Version Control: Jenkins, Git

Cloud Services: AWS, Azure

Monitoring & Networking: Helm, Prometheus, Grafana, 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 Jun 2023 – Sep 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.

DevOps Analyst Aug 2018 - Aug 2021

Accenture, Chennai

- Implemented CI/CD pipelines using Azure DevOps, reducing deployment time by 40%.
- Automated infrastructure provisioning with Terraform, increasing deployment efficiency.
- Monitored and optimized system performance, leading to a 25% reduction in downtime.
- Developed and maintained security protocols, enhancing system security and compliance.
- Conducted regular performance reviews and implemented 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 – Sep 2024
Fredericton Botanical Garden Association, Fredericton	
<ul style="list-style-type: none"> 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. 	
Invasive Species App	Jun 2024 – Jul 2024
Fredericton Botanical Garden Association, Fredericton	
<ul style="list-style-type: none"> Architected and deployed a scalable cloud infrastructure on Azure, supporting an increase in application traffic. Automated the provisioning of resources using Terraform, reducing manual setup time. Implemented CI/CD pipelines with Azure DevOps, decreasing deployment failures by 30%. Integrated monitoring and alerting systems using Azure Monitor and Log Analytics, improving incident response times. 	
Mental Health App	Jun 2020 – Sep 2020
Accenture, Chennai	
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> For depicting and presenting the economic impact of local and large-scale industries in New Brunswick. 	
Ace Award – Accenture	May 2021
<ul style="list-style-type: none"> For building trust, gaining recognition and appreciation within a few months with the new client. 	
Pinnacle Award - Accenture	Feb 2021
<ul style="list-style-type: none"> For being the torchbearer of continuous innovation and agility at scale. 	

EXTRA-CURRICULARS

Electronics and Communication Department of MSEC	Jun 2016 – Mar 2018
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> Represented my team as the Cultural Secretary and organized various inter-state cultural events and debates. 	