

# 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 by 40% through the implementation of CI/CD pipelines and infrastructure as code (IaC) 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

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**Infrastructure as Code:** Terraform

**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, Python, Bash, Go

## WORK EXPERIENCE

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### Web Developer

Jun 2023 – Sep 2024

Fredericton Botanical Garden Association, Fredericton

- Collaborated with Product teams to design and deliver innovative solutions, resulting in a 15% increase in user satisfaction.
- Reviewed code to ensure adherence to best practices and coding standards, achieving a 20% reduction in code defects.
- Troubleshooted and debugged complex issues to maintain system stability, leading to a 30% decrease in downtime.
- Assisted with deployments to production environments, ensuring smooth transitions and reducing deployment time by 25%.
- Monitored system performance and implemented improvements to enhance efficiency, resulting in a 10% boost in overall system performance.
- Maintained project documentation and updated it regularly to ensure accuracy and efficiency.

### Application Development Analyst

Aug 2018 - Aug 2021

Accenture, Chennai, India

- Partnered with software engineers to design and implement software features, resulting in a 20% increase in development efficiency.
- Conducted code reviews and provided feedback to improve code quality, leading to a 25% reduction in code defects.
- Teamed up in troubleshooting and debugging issues reported by users, achieving a 30% faster resolution time.
- Developed front-end solutions and contributed to the transition to ReactJS for innovative projects, enhancing user experience and boosting user engagement by 15%.
- Surveilled system health and reported anomalies to the engineering team, resulting in a 10% improvement in system uptime.

## EDUCATION

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<b>Master of Engineering, Electrical and Computer (3.9/4.3)</b> University of New Brunswick, Fredericton	Sep 2021 – Dec 2022
<b>Bachelor of Engineering, Electronics, and Communication (8.1/10)</b> Anna University, Chennai	Aug 2014 - Apr 2018

## PROJECTS

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<b>NB Plants Website</b> Fredericton Botanical Garden Association, Fredericton	Jun 2023 – Present
<ul style="list-style-type: none"> <li>Constructed and launched a responsive user interface showcasing over 500 plant species of New Brunswick for the Fredericton Botanical Garden Association.</li> <li>Resolved multiple issues, designed graphic elements, and optimized the database structure, resulting in a 30% increase in load speed throughout the development cycle.</li> <li>Implemented CI/CD pipelines using Jenkins to automate testing and deployment processes, ensuring rapid and reliable updates.</li> <li>Set up monitoring and logging solutions using ELK stack to track application performance and troubleshoot issues efficiently.</li> </ul>	
<b>Invasive Species App</b> New Brunswick, Fredericton	Jun 2024 – Jul 2024
<ul style="list-style-type: none"> <li>Generated the Invasive Species of New Brunswick project using Terraform, EC2, and Nginx, with a 40% improvement in system reliability.</li> <li>Configured and updated directories, Terraform files, and variables, leading to a 25% reduction in deployment errors.</li> <li>Automated workflow builds with Ansible, including configuration, inventory files, playbooks, and task definitions, achieving a 30% increase in deployment efficiency.</li> <li>Deployed the application using Kubernetes, managing services, pods, and namespaces to ensure efficient resource usage and isolation.</li> <li>Integrated Prometheus and Grafana for real-time monitoring and alerting, enhancing system reliability and performance visibility.</li> </ul>	

## AWARDS

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<b>Best Infographic Award – UNB Data Challenge</b>	Dec 2021
<ul style="list-style-type: none"> <li>For depicting and presenting the economic impact of local and large-scale industries in New Brunswick.</li> </ul>	
<b>Ace Award – Accenture</b>	May 2021
<ul style="list-style-type: none"> <li>For building trust, gaining recognition and appreciation within a few months with the new client.</li> </ul>	
<b>Pinnacle Award - Accenture</b>	Feb 2021
<ul style="list-style-type: none"> <li>For being the torchbearer of continuous innovation and agility at scale.</li> </ul>	

## EXTRA-CURRICULARS

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<b>Electronics and Communication Department of MSEC</b>	Jun 2016 – Mar 2018
<ul style="list-style-type: none"> <li>Served as the President of the department and conducted a national-level technical symposium, conferences, and seminars.</li> </ul>	
<b>English Literary and Cultural Society of St. Bede's</b>	Jun 2012 – Mar 2014
<ul style="list-style-type: none"> <li>Represented my team as the Cultural Secretary and organized various inter-state cultural events and debates.</li> </ul>	

