Mohamed Tabrez Saqib Ubaidur Rahman, M.Eng.

DEVOPS ENGINEER

163A 4th Link Road, Palkalai Nagar (University Colony), Palavakkam, Chennai, +91-(729)-918-4226.
mohamedsaqib1996@gmail.com ⬥ **linkedin.com/in/mohamed-tabrez**

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

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

Languages & Certified Tools: EPIC Cadence, PL/SQL, React.js, Next.js, JavaScript ES6

WORK EXPERIENCE

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.
- Troubleshot 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.

Application Development Analyst   Aug 2018 - Aug 2021

Accenture, Chennai, India

- Optimized hospital scheduling and billing tools for providers and patients using Cadence, reducing appointment scheduling errors by 30%.
- Designed and implemented logical games for a mental health scan app using React.js, enhancing user engagement by 25%. Streamlined the deployment process on Jenkins and AWS, cutting deployment time by 40%.
- Developed, automated, and maintained budget reports using PL/SQL and BI Publisher in an agile environment, improving report accuracy by 20%.
- Developed front-end solutions and contributed to the transition to ReactJS for innovative projects, enhancing user experience and boosting user engagement by 15%.

- Collaborated in 3 projects and contributed innovative ideas to international projects annually by integrating APIs, error handling, and automating tasks, boosting project efficiency by 15%.

EDUCATION

Master of Engineering, Electrical and Computer (3.9/4.3)   Sep 2021 – Dec 2022
University of New Brunswick, Fredericton

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

PROJECTS

NB Plants Website   Jun 2023 – Sep 2024
Fredericton Botanical Garden Association, Fredericton
- Constructed and launched a responsive user interface showcasing over 500 plant species of New Brunswick for the Fredericton Botanical Garden Association.
- Resolved multiple issues, designed graphic elements, and optimized the database structure, resulting in a 30% increase in load speed throughout the development cycle.
- Implemented CI/CD pipelines using Jenkins to automate testing and deployment processes, ensuring rapid and reliable updates.
- Set up monitoring and logging solutions using ELK stack to track application performance and troubleshoot issues efficiently.

Invasive Species App   Jun 2024 – Jul 2024
Fredericton Botanical Garden Association, Fredericton
- Generated the location and presence of invasive species with the help of Terraform, EC2, and Nginx, with a 40% improvement in system reliability.
- Configured and updated directories, Terraform files, and variables, leading to a 25% reduction in deployment errors.
- Automated workflow builds with Ansible, including configuration, inventory files, playbooks, and task definitions, achieving a 30% increase in deployment efficiency.
- Deployed the application using Kubernetes, managing services, pods, and namespaces to ensure efficient resource usage and isolation.

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.