Usama Mahmood

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DEVOPS ENGINEER

SUMMARY

Highly skilled DevOps Engineer with a strong foundation in cloud architecture, containerization, and system administration. Proficient in leveraging AWS for designing and deploying scalable solutions, optimizing Linux servers, and utilizing Docker for seamless application deployment. Experienced with Kubernetes for orchestrating containerized workloads, and adept at using Git for version control and Jenkins for automating CI/CD pipelines. Skilled in Agile methodologies with a proven ability to collaborate with cross-functional teams and stakeholders to ensure project success and timely delivery. Committed to driving efficiency through innovative solutions and automation.

EDUCATION

BSc Honours in Computer Science   **September 2021 - June 2023**

Trent University | Peterborough ON
- Relevant Courses: Data Science, System Programming, Data Structures & Algorithm
- Dean's Honour Roll (2022)

Bachelor in Computer Science   **September 2017 - July 2021**

Capital University of Science & Technology | Islamabad Pakistan
- Relevant Courses: Introduction to Programming, Operating Systems, Web Development

SKILLS

- Linux
- AWS
- Docker
- Bash
- Kubnernetes
- Git
- Jenkins

EXPERIENCE

DevOps Engineer, Cogeco Connexion, Canada   **October 2023 - Present**

- Engaged in DevOps activities, leveraging AWS to design and deploy scalable, resilient cloud architectures, including EC2 instances, S3 storage solutions, and RDS databases.
- Containerized applications using Docker to ensure consistency across multiple environments and streamlined deployment processes.

- Administered Linux servers, focusing on performance optimization, security hardening, and automation using scripting languages such as Bash.
- Utilized Kubernetes for orchestrating containerized workloads, automating scaling, and managing application lifecycles.
- Implemented CI/CD pipelines using Jenkins, automating build, test, and deployment processes to enhance development efficiency.
- Managed version control through Git, enabling collaborative development and ensuring code integrity across teams.
- Collaborated with cross-functional teams to ensure successful project execution and timely delivery, optimizing DevOps practices for continuous improvement.