

Mohammed Najeeb

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EDUCATION

Oakland University

B.S. in Computer Science

Rochester Hills, Michigan

Aug 2019 - May 2022

EXPERIENCE

Verizon

DevOps Engineer

Detroit, Michigan

Apr 2021 - Present

- Design and implement CI/CD pipeline with Docker, Kubernetes, Jenkins, Gitlab in all the non-production and production environments
- Work on designing and deploying a multitude application utilizing almost all of the main services of AWS stack such as EC2, EKS, S3, ELB, IAM, VPC, EBS, RDS, Cloud watch and Cloudformation
- Manage cloud-based infrastructure using Infrastructure as Code tools like Terraform, Azure ARM templates, and GCP deployment templates
- Design and develop software solutions for Continuous Integration and Continuous Deployment processes, enhancing efficiency by 20%
- Participate closely with Dev and Quality Assurance teams, contributing to the creation of more robust solutions, code improvement, and system stability
- Utilize scripting languages for configuration management and orchestration tasks, streamlining deployment processes

TS4U

DevOps Engineer

Warren, Michigan

Feb 2020 - April 2021

- Orchestrated containerization with Docker, improving application deployment speed by 30% and reducing resource utilization by 30%
- Led system programming and automation initiatives to address intricate problems, improving overall efficiency by 25%
- Created Dockerfiles to construct Docker images and manage container runtime environments and utilized Docker registry and Docker Hub for image storage and distribution and harnessed Docker Compose for orchestrating multi-container applications and container management through Docker Swarm
- Monitor, troubleshoot, and optimize system performance and reliability within Kubernetes clusters

PROJECTS

Automated Deployment and Scaling of a Three-Tier Application with Docker, Kubernetes, and Jenkins CI/CD

- Containerized each tier of the application using Docker to ensure consistency across different environments
- Deployed the Dockerized application to a Kubernetes cluster for efficient orchestration and management
- Set up the Jenkins pipelines to automate the CI/CD process and created a pipeline for building Docker images, running unit tests, and pushing images to a container registry
- Incorporated tools like Terraform to define the infrastructure as code, allowing for version control and easy reproducibility
- Integrated monitoring tools such as Prometheus and Grafana to track the performance and health of the application

SKILLS

AWS, Azure, Docker, Kubernetes, Microservices, Terraform, Java, Ansible, Git, Prometheus, Grafana, Jenkins, Agile Scrum methodologies, Automation Scripting, Python