

Munish D

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ABOUT

Aspiring Cloud and DevOps Engineer with a strong interest in automating software delivery and building scalable CI/CD pipelines. Skilled in cloud infrastructure, containerization, and deployment automation, with hands-on experience in modern DevOps tooling and agile practices.

EDUCATION

SRM Institute of Science and Technology

Electronics and Communication Engineering

Aug. 2023 – Present

GPA - 8.95/10

PROJECTS

Microservice Architecture | *Implementing an End-to-End DevOps Pipeline for Microservices*

- Designed and implemented end-to-end CI/CD pipelines for an N-tier microservice-based application.
- Developed build and release pipelines for Python, .NET, and Java services using Azure Pipelines, enabling automated deployments.
- Deployed microservices to Azure Kubernetes Service (AKS) using Argo CD, following GitOps best practices.
- Implemented advanced GitOps-driven CD workflows to automatically deploy services on every commit pushed to Azure Repos.
- Developed hands-on expertise in multi-tier CI/CD architectures, Kubernetes, containerization, orchestration, and GitOps methodologies.

Tetris Game | *End-to-End Azure CI/CD Project*

- Containerized a simple browser-based Tetris game and used it as the core application to demonstrate end-to-end CI/CD automation.
- Built a two-stage CI pipeline in Jenkins integrated with GitHub to automatically build Docker images and push them to Azure Container Registry (ACR).
- Configured Jenkins CD jobs using Azure CLI and Service Principal authentication to deploy the containerized application to Azure App Service.

Zomatok | *MERN application with end-to-end DevOps integration*

- Developed CI/CD pipelines using GitHub Actions to automate build, test, and deployment workflows.
- Containerized services with Docker and deployed the application on a Kubernetes cluster.
- Provisioned cloud infrastructure using Terraform and implemented GitOps-based deployments with Argo CD.

TECHNICAL SKILLS

Languages: Python, SQL (Postgres, MySQL), JavaScript, HTML/CSS

Operating & System: Linux (Ubuntu via WSL)

Scripting & Markup: Bash, YAML

Cloud & DevOps Tools: AWS, Microsoft Azure, Ansible, GitHub Actions, Jenkins, Docker, Kubernetes, CI/CD Pipelines

Developer Tools: Git, GitHub, VS Code, IntelliJ

Project Management: Agile, JIRA, Software Development Life Cycle (SDLC)

CERTIFICATIONS AND ACHIEVEMENTS

- Participated in Smart India Hackathon 2024
- Participated and Qualified for pre-final stage at Zensita 2023 event conducted by Sairam Engineering College
- Attended the Code Craft ML Workshop organized by IETE-ECE department
- Supervised Machine learning course by Deep Learning
- Agile Project Management course by HP Life