Ali Murtaza

DevOps Engineer | Kubernetes & Docker
Enthusiast | B.Tech in Computer Science.

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Professional Summary

A proactive and highly motivated IT graduate with a strong academic foundation and effective communication skills. Demonstrates a keen interest in emerging technologies and a deep commitment to continuous learning. Brings hands-on exposure to DevOps practices, cloud infrastructure, and automation from internship experience with a dynamic tech startup. Eager to contribute to organizational success while pursuing professional growth in a collaborative, fast-paced environment.

Technical Skills

- **Cloud Platforms:** *Amazon Web Services (AWS), EC2, IAM*
- **DevOps & Automation:** *CI/CD Pipelines, Jenkins, Docker, Kubernetes*
- **Version Control:** *Git, GitHub, GitLab*
- **Operating Systems:** *Linux Administration*
- **Containerization & Orchestration:** *Docker, Kubernetes*
- **Monitoring & Deployment:** *AWS Monitoring, Dockerized Deployments*
- **Languages & Scripting:** Python,*Bash (basic)*

Relevant Experience

Internship at Spenmo Technologies

- DevOps/IT Intern
- Spenmo Technologies — Bangalore
- Industry: Technology, Information & Internet
- Duration: 5 Months

Key Responsibilities & Projects:
- Configured and managed AWS Identity and Access Management (IAM) roles and policies.
- Monitored and maintained AWS EC2 instances for optimized performance.
- Administered Linux servers and ensured secure, stable environments.
- Containerized a Java-based web application using Docker.
- Designed and implemented an automated CI/CD pipeline using Jenkins for continuous integration and deployment.
- Gained hands-on exposure to modern DevOps workflows and infrastructure as code practices.

Notable Achievement:
- Successfully delivered a Docker-based web application deployment pipeline using Jenkins as part of an end-to-end DevOps project.

DevOps Projects -

Enterprise-Grade CI/CD Pipeline for Python Application

- Built a fully automated CI/CD pipeline using GitHub Actions for a Flask-based AI web application.
- - Configured Docker for containerizing the app and pushed images to DockerHub.
- - Set up NGINX as a reverse proxy to serve the application under a sub-path (https://hallotech.in/ai).
- - Deployed the solution on AWS EC2 using SSH-based GitHub Actions workflow.
- - Ensured continuous deployment by integrating DockerHub and GitHub.
- - Managed port bindings, reverse proxy configs, SSL setup, and server hardening.

Technologies used: GitHub Actions, Docker, Flask, NGINX, EC2, Linux, AWS, Let's Encrypt.

Server Performance Monitoring Script (Bash Scripting Project)

- Built a real-time Linux server monitoring tool using Bash scripting to capture critical system performance metrics.
- Wrote a shell script to fetch and display CPU usage, memory stats, disk utilization, and OS info.
- Parsed and displayed the top 5 processes by CPU and memory usage using ps, sort, and head.
- Integrated system uptime, load averages, logged-in users, and failed login attempts from /var/log/auth.log.
- Designed a professional README.md including sample output, usage instructions, known issues, and future enhancements.
- Ensured accurate variable usage, secure quoting, and modular output formatting with clear section headers.
- Discussed plans to log output, send alerts via Slack/email, and dockerize the monitoring tool.
- Technologies used: Bash, Linux CLI (top, ps, free, df, uptime, grep), GitHub, Git, Auth Logs

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Education

Bachelor of Technology – Computer Science & Engineering
Rameshwaram Institute of Technology & Management
Status: Result Awaited

Intermediate
Mahima Inter College (2018)
Score: 56%

High school
Ejaz Hussain Inter College (2015)
Score: 67%

Core Competencies

Proven ability to adapt quickly in dynamic environments, collaborate effectively within diverse teams, manage time efficiently, and approach challenges with analytical thinking and a detail-oriented mindset.

SPENMO

Date: 18th Oct 2022

To Whom It May Concern,

Certificate of Internship

This letter is to confirm the following employee's internship with **Spenmo Technologies Private Limited**:

Employee Name : Ali Murtaza
Employee Id : 2102
Designation : Intern - DevOps
Date of Employment : **25-Apr-2022**
Last Date of Employment : **15-Sep-2022**

During the internship period, we found his performance satisfactory. We wish him all the best in his

future
endeavours.

For further clarification, please contact our Human Resource Team via email at hr@spenmo.com.

Yours Sincerely,

Arwa Limdiwala

Arwa Limdiwala
People Partner
For and on behalf of **Spenmo Technologies Private Limited**