Mansoor K

Bengaluru Karnataka | contact:6301882736 | LinkedIn |

Aspiring DevOps & Cloud Engineer

Aspiring DevOps Engineer who is interested in problem solving and DevOps Solutions.

Technical Skills

Cloud Technologies	AWS
Build Tools	Maven
Container Technologies	Docker,Kubernetes
Scripting	Shell and Python
Operating Systems	Linux
Programming Languages	Java and Python
Version Control System	Git,GitHub
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	Jenkins

Education

St johns College of Engineering and Technology **2019-2023**
Bachelor of Technology in Computer Science and Engineering CGPA-6.8

Narayana Junior College **2017-2019**
Board of Intermediate Education CGPA-8.7

Board of Secondary Education **2016-2017**
Sri Sreenivasa High School CGPA-8.0

Projects Summary

Cloud Cost Optimization — AWS

Implemented Lambda function that fetches all EBS snapshots owned by the same account ('self') and also retrieves a list of active EC2 instances (running and stopped). For each snapshot, it checks if the associated volume (if exists) is not associated with any active instance. If it finds a stale snapshot, it deletes it, effectively optimizing storage costs

Kubernetes End to End Deployment — EKS

Deployed a game application by creating a cluster with Fargate and utilizing replicas in deployment to ensure auto-healing and ease of auto-scaling, configured application load balancer then exposed the application to the outside world through an external IP.

End to End CICD Implementation — Jenkins

Implemented an end-to-end CI/CD pipeline for java-based application using Jenkins declarative pipelines which includes various stages such as Build, Unit testing, Static code analysis, SAST, DAST, Creation of Docker Images, Deployment on Kubernetes platform using Argo CD.

Configuration Management -Ansible

Managed Configuration of multiple linux and windows instances using Ansible.

Cyber Threat Detection Based on Artificial Neural Networks Using Event Profile

Cyber Threat Detection Based on Artificial Neural Networks Using Event Profile One of the major challenges in cybersecurity is the provision of an automated and effective cyber-threats detection technique. In this paper, we present an AI technique for cyber- threats detection, based on artificial neural networks. The proposed technique converts multitude of collected security events to individual event profiles and use a deep learning-based detection method for enhanced cyber-threat detection. For this work, we developed an AI-SIEM system based on a combination of event profiling for data preprocessing and different artificial neural network methods, including CNN, and LSTM.