MOOAZ SAYYED

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LinkedIn GitHub

Summary

- Results-oriented and detail driven BCA student with an aspiration for cloud computing.
- Proven ability to seamlessly integrate solutions with a focus on enhancing operational efficiency and optimization.
- Expertise at implementing best practices to streamline development, testing and deployment processes.
- Eager to contribute technical expertise and collaborative problem-solving skills, can create awesome documentation and troubleshoot systems.

Skills

Tech Stack – ***Java SE & Java EE, Python, Django, REST Api, Bash Scripting, SQL/PLSQL.***

Tools and Technologies – ***Azure, Aws, Linux, Git/GitHub, Docker, Terraform, Grafana, Prometheus, CI/CD***

Education

SSC & HSC - St. Sebastian High School & Junior College

2020 - 2022

BCA Hons - Symbiosis International University

2022– 2025

Projects Summary

Gatebot.io – Society Security System

- CRUD application in MERN Stack. Developed login, Admin panel, Users and role-based access.
- Implemented Node.js as Backend and React.js as Frontend. Used Express.js as server and MongoDB.
- Engineered socket.io for data transfer and managed Node.js Api's using Express.js routing.
- Tested using tools like Postman.
- **Containerized this application using Docker Compose and Docker files.**

Real-Time Cloud Monitoring System Using Prometheus and Grafana .

- Implemented a real-time Cloud monitoring system using Prometheus to track the health and performance of virtual machines, websites, and services. Created Dashboards using Grafana
- Configured the system to send email notifications via Alert Manager for issues like instance or website downtime and resource overload, resulting in faster response time.
- This system resulted in providing 100% uptime and availability.
- **Spearheaded Cost and incident management strategies to optimize systems and VM's deployed**

Networking & Security - DNS Server and office VPN using Python and OpenVPN.

- This project implements a secure VPN for office environments using OpenVPN, deployed on an AWS EC2 instance, ensuring encrypted remote access for employees
- A Python-based DNS server enhances network security by managing domain name resolution and preventing unauthorized access.
- The solution safeguards sensitive data and ensures secure communication within the office network, providing a reliable and secure environment for remote work.
- **Along with this I configured a Tenable Nessus Vulnerability Scanner to secure office Networks.**

AWS Multi-Tier Architecture Project for Website Deployment.

- Created and implemented a Virtual Private Cloud, Private & Public Subnets, Ec2, RDS, S3, Lambda, CloudWatch, Route53 and ELB along with Autoscaling groups.
- Implement best practices like redundancy, replica sets and access control using IAM.

Achievements

- **8+ CGPA in previous semesters.**
- **Volunteered and Lead 3 projects and tasks.**

Certifications

Microsoft Certified: Azure Fundamentals (Az-900)