

MOHAMMED SHAHBAZ

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OBJECTIVE

Eager to apply my passion for AWS & DevOps, I am actively pursuing a role that allows me to integrate my technical skills into transformative projects. Eager to contribute innovative solutions, I aspire to be part of a dynamic team focused on pushing boundaries and achieving collective success.

TECHNICAL SKILLS

Amazon Web Services (AWS) :

- Elastic Compute Cloud (EC2)
- Simple Storage Service (S3)
- Virtual Private Cloud (VPC)
- Elastic Load Balancer (ELB)
- Elastic Block Store (EBS)
- Elastic File System (EFS)
- Elastic Beanstalk
- API Gateways, SNS, SQS
- AWS CloudFormation
- AWS CloudWatch
- AWS CloudTrail
- AWS CloudFront
- AWS Route 53
- AWS Lambda
- Relational Database Service (RDS)
- Identity & Access Management (IAM)

DevOps Tools: Jenkins, Maven, SonarQube, Terraform, Docker, Kubernetes, Ansible.

Frontend: HTML, CSS, JavaScript.

Tools & Libraries: React.js, Bootstrap, Material UI, Git & Github

Database: MySQL, DynamoDB.

Scripting: Python and Bash Scripting.

Operating System: Linux(Ubuntu), Windows

CERTIFICATIONS

- Linux Essentials - Cisco
- ShellScripting Basic to Advance - Udemy
- Crash Course on Python - Google
- JavaScript Basic to Advance - Udemy
- React Js front to back - Udemy
- Introduction to DevOps - Udemy

EDUCATION

Bachelor of Engineering in Computer Science,
Osmania University 2019 - 2023

- Secured 72%

TSBIE (computer science) 2017 - 2019

- Secured 87%

EXPERIENCE

Intern- AWS DevOps Engineer

Full Stack Academy | Sept,2023 - Feb,2024

- Work with Amazon Web Services such as (EC2, S3, VPC, RDS, IAM, EBS, EFS, Load Balancers, Route 53, Cloud Formation, Cloud Trail, SNS, SQS.....)
- Setup/Manage Linux Servers on Amazon (EC2, EBS, Security Groups, RDS, and IAM)
- Setup/Manage VPC and subnets to make the connection between different AZs.
- Implemented automated CI & CD pipelines using Jenkins, Ansible for configuration management, and Terraform for infrastructure as code.

Intern- Frontend Developer

ETIHAD PRIME | Nov,2022 - April, 2023

- Worked with web staff to develop more invigorating web content.
- Created different types of page layouts as per client requirements
- Built the multi-page UI web content.
- Created multiple UI components using React.

PROJECTS

Deployed a Simple Web Application using Jenkins CI/CD Pipeline with GitHub Integration

- Implemented a Jenkins CI/CD pipeline for automating the deployment process.
- Integrated the pipeline with GitHub for version control and triggering deployments on code changes.
- Deployed a basic web application using the pipeline, ensuring consistent and efficient deployment practices.

Cloud Cost-Optimization

- Implemented AWS Lambda function for efficient EC2 snapshot management, automatically identifying and removing stale snapshots not associated with active instances.
- Optimized storage costs by eliminating redundant snapshots.

Secure VPC Setup with EC2 Instances

- Design and configure a VPC with custom IP ranges, public and private subnets, along with network security using ACLs and security groups.
- Provision EC2 instances in both subnets, implement networking and routing with internet and outbound access, ensure SSH key pair access control, and validate the setup for connectivity and security.

Data Structure Visualizer

- Front-end project to visualize the working of common data structures like {Arrays, Stack, Queue, Binary Search Tree...}
- Enabled interactive visualization, Built on React.js.

COVID-19-TRACKER

- Developed a comprehensive Covid-19 Tracker utilizing HTML, CSS, Bootstrap, JavaScript, and Fetch API.