

Humna Saqib

Kissimmee, Florida | humnasaqib17@gmail.com

EDUCATION

Valencia College

Orlando, FL

Associates in Arts: General Studies (GPA:3.6)

- Graduation Date: Dec 2021
- Organizations/Awards: Dean's Honors List

Bachelor's of Applied Science; Computing Technology and Software Development (Cloud Computing Concentration)

- Oct 9th, 2022 - June 5th, 2024

SKILLS AND INTERESTS

Skills: AWS Architecting, Python 3, OOP, Bash Shell Scripting, GitOps Development, CI/CD, DNS Administration, IAC, Terraform

Soft Skills: Adaptable and self- motivated, Quick learner, Continuous Development Oriented, and Strong Communication skills.

PROJECTS

Website hosting using Route 53, Cloudfront and S3

Website Link: <https://humnacloudresume.online/>

GitHub: <https://github.com/humnasaqib/humna-scloudresume>

- Successfully designed and implemented an AWS-based website hosting, delivering a seamless user experience.
- Used Route53 to manage domain registration and to route incoming traffic.
- Implemented Amazon CloudFront for website content delivery for caching and delivering content with low latency.
- Configured AWS Certificate Manager to secure the website and to provide SSL certificates.
- Configured AWS S3 to store and manage website content.
- Configured CloudFront's caching efficiency for optimized content retrieval from edge location for cheaper solution.

Viewer counter using DynamoDB and AWS Lambda

- Used Amazon DynamoDB to store and manage the visitors who viewed my website.
- API Development: Created an AWS API Gateway and AWS lambda functions to provide a safe way for websites to interact with the database.
- Used AWS Lambda to create serverless functions using Python.
- Administered AWS services, Amazon DynamoDB for database, AWS API gateway for API Management, used AWS Lambda, python and boto3 library for serverless computing.

Frontend CI/CD Pipeline with AWS S3 Integration

- Developed and implemented a CI/CD pipeline for frontend code of my website, ensuring that the code changes automatically whenever I update it.
- Used GitHub actions to automate code integrating and deployment.
- Improved development efficiency to maintain code quality.

Infrastructure Automation With Terraform

- Implemented IAC practices using Terraform to deploy resources like S3 buckets and EC2.
- Created Terraform scripts for provisioning and maintaining AWS resources.
- Demonstrated expertise in IaC principles and terraform practices.

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF)
- Technical Certificate in Operations Support and Services. .
- Introduction to Python and Apps course with Code First Girls.

RELEVANT COURSES

- AWS Architecting and AWS Data Engineering
- Cloud Data Analytics Essential (AWS)
- Technical Writing for Software
- Software Development 1

References Available Upon Request

