Malik Murtaza Rizwan

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SUMMARY

Passionate and results-driven Computer Science student with a focus on cloud computing and DevOps engineering. Seeking an internship in cloud engineering to apply and enhance my knowledge in these areas. Eager to contribute my enthusiasm and expertise to drive organizational success. Continuous learner, committed to staying current with industry trends and delivering innovative solutions. Team player with a strong work ethic, thriving in fast-paced environments. Methodical and analytical approach, ensuring accuracy and exceptional results.

Experience

- Summer internship (DevOps Intern)   **Zigron Inc. • July 2023 - September 2023**
- Summer internship (DevOps Intern)   **Zigron Inc. • July 2024 - September 2024**

PROJECTS

Job Bank Pakistan   **Air University • September 2023 - January 2024**
https://github.com/MurtazaMalik10/BlazorJobSearchWebsite.git

- Successfully deployed a .NET-based Application on AWS, utilizing EC2 Instances for Hosting.
- Implemented S3 Buckets for Efficient and Scalable Storage of Application Data.
- Designed and Worked with Multi-Availability Zones (AZs) to Ensure High Availability and Fault Tolerance.
- Configured and Managed Virtual Private Cloud (VPC) for Secure Network Isolation and Traffic Control.
- Ensured Robust Security Measures through the Implementation of Security Groups and Access Control Lists **(ACLs).**
- Implemented Auto Scaling for Dynamic Resource Provisioning, ensuring optimal performance during varying ` workloads.

Tourify   **Air University • February 2024 - Ongoing**
https://github.com/MurtazaMalik10/Tourism_React.git

- Currently participating in client meetings to assess ongoing AWS deployment needs.
- Using AWS expertise to understand client requirements and guide them to suitable solution
- Collaborating with client to refine project objectives in alignment with AWS best practices.
- Discussions on AWS architecture options for scalability and reliability.
- Continuously evaluating and enhancing the AWS deployment to meet evolving client needs.
- Acting as the main contact between clients and the deployment team.
- Providing ongoing support and guidance throughout the AWS deployment process.

EDUCATION

Bachelor of Science in Computer Science   Air University • 2025 •(Currently enrolled)

CERTIFICATIONS

Introduction to DevOps
IBM • 2023

DevOps on AWS (4 Course Specialization)
AWS • 2023

AWS CLOUD PRACTITIONER ESSENTIALS
AWS • 2023

AWS CLOUD TECHNICAL ESSENTIALS
AWS • 2023

SKILLS

Public Cloud: AWS
AWS: Code Pipeline, Code Build, Code Deploy, Cloud Formation, EC2, AWS Lambda, S3, VPC, IAM, ECS, SNS, ELB
OS Platforms: Windows, Linux

Scripting: Python, Bash

Version Control: GitHub

Development: C++, C#, .NET 7.0