Riyansh Jain

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github | riyanshjain.in | linkedin

Skills

Languages: C, HTML, Python, JavaScript, CSS, Linux

Technologies & Tools: AWS, EC2, S3, Azure, Azure Blob Storage

Work Experience

BM INFOTRADE, JAIPUR May 2024 - JULY 2024

Cloud Engineer Intern

- Innovated and managed cross-platform cloud applications on AWS, GCP, and Azure; achieved a 15% reduction in infrastructure costs and boosted deployment efficiency by 20% by implementing advanced CI/CD practices and cost-saving measures.
- Minimized the cost of running custom report services by over 80% by devising an automated system that identified and disabled reports with no usage or empty data.
- Implemented a cost-saving initiative by identifying unused AWS resources and establishing S3 bucket expiration policies, leading to an annual cost reduction exceeding $50,000 in AWS expenditures.

Education

POORNIMA UNIVERSITY Oct 2021 - Present

B.TECH in Cloud Computing ***CGPA: 7.84/10***

Relevant Coursework: Cloud Computing, Operating Systems, Computer Networks, Linux.

Project Work

Designed a Windows Server 2022 VM Using ARM Templates June 2024

- Automated the deployment of Windows Server 2022 VM on Azure using ARM templates, reducing deployment time by 75%.
- Configured networking components (VNET, subnets, NSGs) in “test-rg” in the Central India region, completing setup within 5 minutes.
- Customized ARM templates for specific VM configurations, reducing configuration errors by 50% and ensuring standardized deployments.

Azure Blob Storage Backup Automation Mar 2024

- Developed a Python script using Azure SDK to automate the backup of critical files to Azure Blob Storage, reducing manual effort by 80%.
- Implemented bi-weekly scheduling for file uploads, achieving a 99% success rate with an average upload speed of 100 Mbps.
- Optimized the script to handle files up to 10 GB, ensuring backups complete within 30 minutes and cutting storage costs by 50%.

Tech University AWS Cloud Migration - Hypothetical Case Study Apr 2024

- Directed the migration of Tech University’s on-premises systems to AWS Cloud, enhancing scalability and reducing operational costs by 30%.
- Deployed AWS services including EC2, S3, and RDS, ensuring seamless integration and robust security.
- Executed a phased migration: assessed infrastructure, performed lift and shift for non-critical applications in months 3-4, and re-platformed and refactored applications in subsequent phases, culminating in full deployment and system monitoring by month 12.

Certificates

- Oracle Cloud Infrastructure 2023 Certified Foundations Associate by Oracle
- Oracle Cloud Data Management 2023 Certified Foundations Associate by Oracle
- Digital Transformation with Google Cloud by Cloudera
- Innovating with Data and Google Cloud by Cloudera