Sheeraz Usmani

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(832-910-3785) | Houston, TX

EDUCATION:

Bachelor of Science in Information Technology Systems   August 2019 - December 2023
The University of Texas at Dallas, Jindal School of Management
Major GPA: 3.79/4.0
Scholarships/Honor: JSOM Jindal Student Grant, SOM Peter Buffer Scholarship, Dean's List (2021-2022),

EXPERIENCE:

Protiviti, Inc., Dallas, TX
Data & Analytics Consultant- Internship   May 2022 – August 2022
- Created and tested SQL scripts to perform analytical deep dives and identify errors from production databases from on-premises SQL Server to RDS PostgreSQL, resulting in a 30% improvement in database efficiency and scalability.
- Focused on optimizing stored procedures and queries from AWS Aurora, which significantly improved data retrieval speeds and overall system performance by 60%.
- Tested on-going replication (CDC), target application/database to source dependency, and partition breakdown of sample table set. Performed client-facing POC's to display functionality and specific use-cases for AWS resources used in migration.
- Construct an Open Billing Detail (OBD) Dashboard. Assisted the Financial Planning team with Metric Data Analysis by applying metric validation and variance calculations ranging from preliminary invoice generation to aged OBD.

Amazon Web Services, Dallas, TX
Amazon AWS Student Ambassador   May 2020 – December 2023
- Managed and led AWS awareness campaigns, focusing on data -driven decision-making leading to a 12% increase in AWS certification among information technology graduates.
- Facilitated workshop sessions for students to work on projects using AWS cloud services, such as CodeCommit, EC2, S3, RDS, DynamoDB, etc.
- Successfully led the migration of on-premises Microsoft Windows Server infrastructure within the University's Information Technology department to AWS by setting up an AWS environment, Migrating Data using AWS DMS, Utilized Server Replication using AWS Server Migration Service, and Update DNS records, firewall rules, and security policies as needed.

University of Texas at Dallas- Housing, Dallas, TX
Residential Advisor/ IT Analyst   January 2019 - May 2023
- Managed data systems and provided analytical support for housing services, optimizing performance through detailed data analysis.
- Resolved critical infrastructure issues and served as a primary point of contact for 10,000+ students residing on-campus, maintaining a 95% success rate in problem resolution within 24 hours.
- Participated in IT projects that emphasized security and compliance, leading to significant savings in server and software expenditures.

Student Government Association, Dallas, TX
Student Affair Senator   May 2020 – December 2023
- Advocated for IT security enhancements for the UTD Student Government Portal, leading to improved encryption standards and data protection measures (PII masking, MFA Authentication, DDoS protection)
- Organized and hosted voluntary initiatives across Dallas, fostering community growth as well as opportunities for students in events such as food drives, blood drives, environmental conservation, disaster relief, community engagement, etc.

SKILLS:

Cloud Virtualization: AWS Cloud Practitioner Certification, AWS Solutions Architect Associate (IP), Proficient in AWS services (VPC, EC2, S3, RDS, CodeCommit, CodeBuild, CodePipeline, DynamoDB, Elastic Beanstalk)
Programming Languages and Tools: Java, Python, SQL, Windows PowerShell, JavaScript, HTML, CSS, Tableau, Microsoft Office, PowerBI
Business Systems Analysis & Implementation: Stakeholder Management, Project Management, Agile & Kanban Methodologies, Business Process Mapping, KPI Development & Analysis

CERTIFICATIONS:

Amazon Web Services (AWS)
AWS Certified Cloud Practitioner   December 2020
Google Cloud Platform (GCP)
Foundations Of Cybersecurity   November 2023
Foundations: Data, Data, Everywhere   October 2023