VIZEET SRIVASTAVA

AWS CLOUD CONSULTANT

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SUMMARY

AWS Cloud Consultant with over 8 years of hands-on experience in AWS DevOps and Big Data, specializing in leading technical teams to deliver innovative, scalable solutions. I possess a unique blend of leadership and technical expertise, ensuring that projects are executed with strategic oversight and technical excellence. My extensive experience spans AWS cloud services, Big Data technologies, and DevOps practices, allowing me to lead end-to-end development of data-driven products.

"Vizeet worked with me on a few data engineering assignments and did a commendable job. He can understand business problems and write programs for data preparation, real-time data analysis, and visualization. He is a quick learner and has demonstrated his skills in data engineering including Hadoop, python, and spark in multiple assignments." -- Sanjay Chaturvedi

KEY ACHIEVEMENTS

- Cost Reduction Success: Cut AWS cloud costs by 40% using automation.
- Serverless Solution: Deployed serverless architecture, processing 1,000 PDFs daily.
- Pipeline Enhancement: Improved pipeline stability, reducing time to execute by 60%.

SKILLS

- Kubernetes Orchestration: Cluster design, scaling, and management.
- Cloud Platforms: AWS, Azure (deployment, optimization).
- Infrastructure as Code (IaC): Terraform, Ansible.
- Observability & Monitoring: Prometheus, Grafana (logs, metrics, dashboards).
- Security Automation: Vulnerability scanning (Trivy).
- Scripting & Programming: Python, Bash (automation, tooling).
- Linux: System optimization, troubleshooting
- Database Management: Postgres
- Event Streaming: Kafka Streaming

EXPERIENCE

AWS Lead DevOps Engineer and Consultant, Datavid Ltd, UK   **Sep 2023 - Nov 2024**
- Role Overview: I manage cloud infrastructure and DevOps practices, focusing on secure, scalable, and efficient solutions for analytics-driven projects.
- Reduced AWS cloud costs by 40% through strategic optimization, Terraform automation, and cost-saving measures.
- Simplified Kubernetes cluster upgrades, streamlined RBAC for AWS and EKS, and stabilized DevOps pipelines to enhance scalability.
- Drove innovation, **operational excellence**, and **stakeholder collaboration** through strategic oversight and automation initiatives.

EXPERIENCE

Consultant Project development, HyperVerse Global Consulting, Serbia   Apr 2022 - Feb 2023
- Architected a scalable and secure serverless architecture for a PDF analyzer using S3, SQS, Lambda, VPC Endpoint Gateway, DocumentDB, and DynamoDB.
- Designed secure cloud infrastructure with Terraform, incorporating IAM roles, VPC security groups, and encrypted data storage for enhanced protection.
- Established shared environments with VPC Peering, enabling cross-team collaboration while ensuring strict data security.
- Automated **infrastructure provisioning** with AWS CodePipeline and CI/CD workflows, ensuring **faster deployments** and compliance with best practices.

Cloud Specialist, IBM India Pvt Ltd (British Petroleum UK)   May 2021 - Feb 2022
- Designed and led a scalable EDW and EDL architecture, improving data management and processing efficiency.
- Optimized data accessibility using S3 as a centralized data lake.
- Built automated data pipelines with AWS Step Functions, AWS Glue, and Athena, reducing processing time.
- Implemented IaC with Terraform, streamlining CI/CD pipelines for faster deployments.

DevOps and Data Engineer, IBM India Pvt Ltd (Electrolux Sweden)   Oct 2020 - May 2021
- **Goal**: Led a migration project to move data from SPI, yMKT, and C4C systems to CDC (Gigya) using Azure Data Factory.
- **Efficient Data Migration:** Extracted data from SPI, yMKT, and C4C using REST and OData APIs. Ensured smooth migration with no data loss.
- **Data Transformation:** Built a pipeline for incremental and historical data. Improved accuracy and usability of the migrated data.
- **Secure Data Handling:** Migrated client credentials securely with advanced encryption. Met all compliance standards.

Lead Cloud Engineer, IBM India Pvt Ltd   July 2017 - Nov 2018
- **Goal:** Built a Lift & Shift tool to simplify and automate infrastructure and application migration, ensuring efficiency and reliability.
- **Automated Infrastructure Migration:** Built a cloud-native, multi-cloud solution to automate infrastructure migration using data from various discovery tools.
- **Standardized Data for Migration:** Designed a conceptual model for uniform data structures, transforming data and generating GraphDB entities and relationships.
- **Dynamic IaC Generation:** Automated Terraform scripting via Python Terrascript, using migration/discovery data to streamline infrastructure deployment.

EDUCATION

Computer Science and Engineering   June 1997 - June 2001
Dr. K. N. Modi Institute of Engineering & Technology
Meerut, India

ADDITIONAL INFORMATION

- **Languages:** English (Full Professional Proficiency)
- **Certifications:** AWS Solution Architect Associate (11/2024 - 11/2027), HashiCorp Terraform Associate (003) (10/2024 - 10/2026), AWS Big Data Associate (12/2024 - 12/2027)
- **Relevant Blogs:** Reducing Costs in an Amazon EKS Kubernetes Environment, Data Pipeline Overview
- **Published Book**: Exploring Bitcoin with Blockchain to demystify Bitcoin by using Python programing.