

Richa Gupta

AWS Cloud Engineer

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PROFILE

Seasoned AWS Cloud Engineer with 5+ years orchestrating advanced cloud solutions. Passionate about automation, DevOps, and system administration to boost business agility. Recognized for creating an automated AWS Cloud ETL framework, achieving 70% improvement in job monitoring and cost efficiency. Committed to delivering transformative solutions for business growth in the digital era.

PROFESSIONAL EXPERIENCE

Capgemini India Pvt. Ltd., Consultant

Jul 2019 – present | Noida, Uttar Pradesh, India

SKILLS

AWS Services — S3, KMS, Glue, Athena, IAM, Lambda, EKS, EC2, Patch Manager, LakeFormation, CloudWatch, SecretsManager, SNS, SQS, CloudTrail, SageMaker, API Gateway, AWS transfer family SFTP, Cost and Billing, CFT

Programming — Python, SQL

Databases — MySQL, DBeaver

CI/CD — BitBucket, Jenkins, Bamboo, GitHub

Big Data Tools — PySpark, Hive, Hadoop, Sqoop, Talend

Other Tools & Tech. — Terraform, JIRA, New Relic Dashboard, GenAI

Soft skills — Effective communication and teamwork | Positive attitude towards learning | Critical thinking

EDUCATION

B.Tech, National Institute of Technology

2015 – 2019 | Jalandhar, India

CGPA: 7.95

XII (CBSE), Sri Guru Harkrishan Public School

2013 – 2015 | Amritsar, India

Scored: 92.20%

X (ICSE), St. Francis School

2013 | Amritsar, India

Scored: 94.70%

CERTIFICATIONS

- Technical Architect Level 0 certification
- AWS Certified Solutions Architect Associate (Pursuing)

PROJECT DETAILS

COX Communications, AWS Cloud Engineer

Oct 2023 – present

- Spearhead automation initiatives using AWS, Python, and SQL, reducing processing time by 30%.
- Collaborate with the architecture team to design and refine COX project frameworks.
- Engagement with clients to understand requirements, translating them into AWS-based strategies and integrating them into new or existing infrastructure.
- Ensure smooth deployments by managing access, permissions, and resolving errors/issues, achieving a 95% success rate in deployments.
- Manage billing and cost optimization, resolving anomalies, saving 10% in monthly operational costs.
- Develop documentation and conduct training, enhancing team skills in AWS and Python solutions.
- Lead an offshore team of four, integrating technical and administrative responsibilities to ensure efficient project execution.

Vanguard (US), AWS Data Engineer

Nov 2021 – Sep 2023

- Built ETL pipelines using AWS services and CI/CD pipelines with Bitbucket and Bamboo to generate reports. Delivered reverse engineering reports (Simple to Super Complex) with IBM Cognos Framework Manager.
- Performed Python transformations, including ranking and segmentation, and re-calibrated ML models to reduce effort by 80%. Automated value-based segmentation reports using AWS Lambda and Glue.

Resource Manager, Staffing & Operations

Jul 2020 – Oct 2021

- Optimized resources for HSBC (UK) and Vanguard (US) accounts, collaborated with BU Delivery Managers and technical leads to gather requirements.
- Forecasted business futures using historical reports and trends and mentored 100+ associates, managing workforce and virtual onboarding/offboarding.

ACHIEVEMENTS

RISING STAR award 2024 | SPECIAL CONTRIBUTION award 2023 | HELPING HAND award 2023 | Best Agile Player Team award 2021 and 2020