

Mukul Kumar Sharma

Cloud Engineer

Vill-Rajour, Anupshahr – Bulandshahr, Uttar Pradesh - 202390

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Career Objective

Aspiring Cloud Engineer with hands-on experience in AWS cloud environments, seeking to leverage expertise in cloud infrastructure, automation, and scalable architectures. Strong foundation in Linux administration, containerization, and Python scripting.

Education

Jaypee University BTech - Computer Science Engineering, CGPA: 7.0	Anupshahr 2021–2025
CCS University BSc - PCM (Physics, Chemistry, Mathematics), 47.75%	2016–2019
U.P. Board 12th Standard, 69%	2016
U.P. Board 10th Standard, 78%	2014

Professional Experience

Tasshee Linux Services Pvt. Ltd.

AWS Cloud Intern

Sep 2024–Present

- **AWS Infrastructure:** Managed Linux servers, deployed EC2, S3, IAM, RDS, ELB, Auto Scaling, CloudWatch alerts.
- **Automation:** Wrote Python scripts for monitoring and automation tasks, containerized apps with Docker.
- **Networking:** Designed secure VPC architectures with NAT, Security Groups, NACLs, Route Tables.

Technical Skills

Cloud Platforms: **Amazon Web Services (AWS):** EC2 (Linux/Windows server deployment, Auto Scaling Groups, AMI creation), S3 (static website hosting, lifecycle policies, cross-region replication, versioning), IAM (users, groups, roles, MFA, least-privilege policies), VPC (custom VPCs, public/private subnets, NAT Gateway, Security Groups, NACLs, Route Tables), Route 53 (DNS management, domain registration, health checks), RDS (MySQL/PostgreSQL setup, automated backups, Multi-AZ, parameter groups), CloudWatch (logs, metrics, dashboards, alarms; custom metrics via scripts), Elastic Load Balancing (ALB/NLB for HA & fault tolerance), Auto Scaling (launch templates, scaling policies, health checks), CloudFormation (Infrastructure as Code templates & stacks), ECR & ECS (container registry & basic orchestration), CodePipeline & CodeDeploy (CI/CD for automated blue/green & rolling deploys), CloudTrail (API auditing, governance), AWS Config (resource inventory & compliance), AWS Backup (centralized backups across services), S3 Glacier (archival storage, lifecycle integration).

Microsoft Azure: Virtual Machines (Linux/Windows setup, availability sets, scaling), Azure Storage (Blob, File, Queue, lifecycle management), Azure Active Directory (users, groups, RBAC, identity & access management), App Service (hosting Node.js/Python apps, scaling plans, deployment slots), Azure Virtual Network (subnets, NSGs, route tables, VNet peering), Azure Database for MySQL/PostgreSQL (flexible server, backups, private endpoints), Azure Monitor & Log Analytics (metrics, custom alerts, dashboards), Azure Container Instances & AKS (deploying containers and Kubernetes clusters), Azure DevOps (pipelines, repos, boards for CI/CD), ARM Templates & Bicep (infrastructure as code), Azure Key Vault (secure secrets and certificates management).

