



ABHAY GUPTA

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Cloud Engineer

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Summary

Around 4 years of experience in the IT industry in the infrastructure or cloud domain, with a proven track record in solution design for cloud technologies in IT infrastructure functions. Adept at developing solutions, procedures, and service standards for project transformation and business excellence. Proficient in designing and managing cloud infrastructure and ensuring seamless delivery of services.

Skills & Abilities

- ◆ AWS Cloud Implementation
- ◆ Infrastructure Management
- ◆ Managed Services Delivery
- ◆ Migration Stragies
- ◆ Client Support (24x7)
- ◆ Customer/Client Interaction
- ◆ BOM Creation/Pentest Remediation/IRAP Security issues

Technical Skills

- ◆ Cloud Platform : AWS,GCP,Azure,Alibaba
- ◆ Web/App Server : Apache, Nginx, Tomcat, IIS
- ◆ DevOps Tools : Git,Jenkins,Docker, Ansible, Kubernetes
- ◆ Opensource : Terraform (IaC)
- ◆ Scripting Language : Bash Scripting, Python
- ◆ Operating Systems : Linux (RHEL), Windows (AD, GPO)
- ◆ Database : MySQL, RDS
- ◆ Monitoring Tool : CloudWatch, Nagios
- ◆ Ticketing Tool : Jira, Zohodesk, Freshdesk

Achievements / Certification

- ◆ Infosys APPRECIATION AWARD - Jul 2022 (In recognition of your outstanding contribution towards the Services Australia Program)
- ◆ Cleared Skill Tag - Public Cloud Professional (Infosys Certified AWS Public Cloud Associate)
- ◆ AWS Cloud Practitioner Certified.
- ◆ Trained as an AWS Certified Solution Architect
- ◆ Infosys Certified Associate in IaC using Terraform
- ◆ Digital Quotient (DQ) in Top 7% of all employees PAN India in JL. It is calculated based on Skill Proficiency, Digital Expertise & Digital Exposure.

Education

- ◆ Bachelor of Engineering in ECE from RGPV University, with 77.4%

Strengths

- ◆ Quick learner
- ◆ Adaptable (work in changing environment)
- ◆ Ready to accept challenges

PROFESSIONAL EXPERIENCE

Infosys (Jan22 - Present)

Senior System Engineer (Cloud Unit)

Client 1 : Woodside Energy Ltd.

Client 2 : Department of Human Services Australia

- Perform activities on core AWS areas compute, storage, networking, and databases (EC2, VPC, S3, IAM, CloudWatch, EBS, ELB, Lambda, NACL, RDS, SNS, billing, ACM, migration, and many more services.
- Worked on Microsoft Active Directory, group policy management, user access, server manager related tasks, and change requests in the production environment.
- Recommended the best technical solutions to migrate the application or databases to AWS.
- Provisioning Linux and Windows servers in different environments (Prod, Dev, Testing) for different application teams.
- Engaged on BOM creation, Pentest remediation, IRAP security issues, cost estimation, and security best practices according to AWS.
- Creating and importing SSL certificates using AWS Certificate Manager.
- Monitoring and troubleshooting server or application related issues and collaborated with the other teams during upgrades or critical activities.
- File and data transfers from on-premises to AWS with the help of AWS native services and third-party tools like WinZip.
- Creating AWS Lambda functions for infrastructure automation along with the AWS SNS/Event Bridge service.
- Created alarms using the CloudWatch service for monitoring the server's performance, CPU/Memory utilization, disk usage etc.
- Working on monthly audit reports like fetching all AD user lists, AD logs, server patching etc.
- Setup/Managing Databases on Amazon RDS
- Setup/manage Amazon Glacier storage service for archiving the data.

- Submitted Cobalt Assets that is helpful for Clients/Infosys as well as our internal team.

Miri Infotech Pvt. Ltd. - Noida (Dec19 - Jan22)

AWS Cloud Engineer

Client - Finance, Education, Hospitality Domain

- Collaborated with various teams and management to understand the requirements and design or suggest an architecture system.
- Best practices for migrating on-premises workloads to the AWS cloud.
- Created own custom AMIs and sold them on different cloud platforms (AWS, Azure, GCP, Alibaba).
- Installed and setup webserver (Apache/Tomcat), DB server (MySQL) on Linux & windows.
- Worked with the CTO to resolve critical problems, improve operations, and provide exceptional customer service.
- Worked closely with customers, the internal team, and other stakeholders to determine the planning, implementation, and integration of system-oriented projects.
- Provided L2 and L3 technical support and troubleshooting to internal and external clients.
- Managed and monitored all servers for the highest level of availability.
- Creating and managing DNS records on Amazon Route53.
- Setup monthly cadence calls with clients and recommend cost optimization and security best practices according to AWS.
- Working on and resolving the issue/tickets within the time frame specified by the SLA.

Rapyder Cloud Solutions Pvt. Ltd. - Bangalore (Mar19 - Aug19)

AWS Cloud Engineer

Client - Govt. Domain

- Created EC2 instances, upgraded or downgraded instance types, created key pairs, created new instances from AMI, performed snapshot related tasks, and attached or detached EBS volumes to instances.
- Security related tasks, such as using IAM to create users, groups, roles, and custom policies, or enabling MFA to provide additional security.
- Network related tasks like the setup of a VPC, subnet, route table, Internet gateway, NAT gateway, NACL, security groups, elastic IP, and connectivity between VPCs in the same region (VPC Peering).
- Database related tasks such as changing the RDS instance type, monitoring, and backing up and restoring data.
- Storage related tasks like creating an S3 bucket to store and upload/download data, enabling versioning, etc.