

SIDDHARTH BOMMANAHALLI

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PROFESSIONAL SUMMARY

Dedicated and results-driven Cloud Engineer with 3 years of hands-on experience in designing, implementing, and maintaining cloud infrastructure solutions. Proficient in AWS Cloud Platform with a strong understanding of cloud architecture principles and best practices. Skilled in automating processes, optimizing performance, and ensuring the security and scalability of cloud environments.

WORK EXPERIENCE: -

Cloud Engineer: Minfy Technologies Pvt Ltd | Hubballi, India

April 2022

- Cloud Infrastructure Design and Implementation: Designing and deploying cloud environments that meet the organization's needs, considering factors like scalability, security, and cost-efficiency.
- Monitoring and Optimization: Monitoring cloud infrastructure performance, identifying bottlenecks or issues, and optimizing resource utilization to ensure efficient operation.
- Security Management: Implementing security best practices and protocols to protect data, applications, and infrastructure in the cloud environment. This includes configuring access controls, encryption, and compliance with industry standards.
- Troubleshooting and Incident Response: Diagnosing and resolving technical issues or outages in cloud services promptly to minimize downtime and ensure service availability.
- Collaboration and Documentation: Collaborating with cross-functional teams (e.g., developers, network engineers) to support application development and deployment in the cloud. Documenting configurations, processes, and procedures for knowledge sharing and future reference.
- Cost Management: Monitoring cloud usage and costs, implementing cost optimization strategies (e.g., rightsizing instances, utilizing reserved instances), and providing cost forecasts to align with budgetary requirements.
- Continuous Learning and Innovation: Keeping up-to-date with cloud technologies, industry trends, and best practices. Identifying opportunities to leverage new cloud services or features to improve efficiency or enhance services.
- Compliance and Governance: Ensuring cloud solutions comply with organizational policies, regulatory requirements, and industry standards. Implementing governance frameworks to manage access, data integrity, and service management.

TECHNICAL SKILLS

- AWS (EC2, ELB, Route53, S3, Cloud Front, SNS, RDS, IAM, Cloud Formation)
- AWS Services:** EC2, S3, ELB, Auto scaling Groups, Glacier, EBS, Elastic Beanstalk, CloudFormation, CloudFront, RDS, Redshift, VPC, Direct Connect, Route 53, Cloud Watch, IAM, Dynamo DB, SNS, SQS, Lambda, Elastic ache.
- HTTP/HTTPS, FTP, NFS, SMB, SMTP, IP.
- Platforms:** Linux (Red Hat 4.x, 5.x 6.x), Centos6, Ubuntu, Windows.
- Monitoring tools:** Site24/7, Cloud Watch (Aws), Grafana.
- Patching Windows and Linux servers.
- VMware
- virtual box

PROJECTS HANDLED

- Dalmia cements
- Locobuzz
- AMI
- Selectsys
- Redoq
- Orrisa metallics
- BPCL
- Mjunction
- Unominda
- Titagarh

ROLES AND RESPONSIBILITIES

- Setup/configuring EC2 (Linux and Windows) Servers on AWS.
- Build and configure a Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, and
- Elastic Load Balancer.
- Worked on EC2 (Elastic Compute Cloud), ELB (Elastic Load Balancer), Auto scaling, VPC, Lambda, Route53, RDS,
- S3, IAM, SSM, Cloud Watch, Cloud Trail, Life Cycle Manager, AWS Backup, Cloud front, CloudTrail.
- Creating/Managing DNS records on Amazon Route53 for SSL Certificate.
- Managing the EC2 backups (AMI, Snapshots) using the Lifecycle Manager, AWS Backup Service.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS Instance Types.
- Performed pre-patch pull of Security patch updates through the system manager and manually for Windows/Linux servers.
- Installed SSM agent on ec2 instance.
- Configure and Manage IAM and its Roles and users.
- Installing site 24/7 agent in Linux and Windows servers
- Managed to take RDS backups.
- Hands-on experience in setting up Auto Scaling Groups for EC2.
- Monitoring through cloud trail of the activities done by the customers.
- Hands-on experience on the monitoring tool Site 24/7 and also know how to pull utilization reports of CPU/MEM/DISK of the particular client.
- Hands-on experience on Jira Tool,(ticket creation, Patching tickets creation, problem tickets, service request tickets).
- Good Experience with infrastructure management and monitoring tools.
- Migrating EBS volume gp2 to gp3.
- Changing EC2 or RDS instance type.

CERTIFICATES

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| • Aws solution architect - Associate | 2022 |
| • Aws sysops administrator- Associate | 2024 |

ACHIEVEMENTS

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| • Deliver Outcome
Minfy Recognition Award for Customer-Centric in Minfy's Townhall 2k2 | Jan 2024 |
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EDUCATION

B.L.D.E. A'S Dr.P.G. Halakatti College of Engineering, Vijapur586103	2017-2022
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