

Nikita Mourya

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Summary

AWS Certified Solution Architect Professional with 5+ years of industry experience and deep expertise in cloud, Infrastructure-as-code, Architecture review onboarding & Designing, Provisioning, Microservice, and Migration (On-prem to Cloud), building, maintaining cloud environments and ability to work within a team with strong analytical, problem-solving and communication skills.

Experience

Western Union

Associate , Cloud Platform Engineer, Pune, Maharastra

10/2020 - Present

Good knowledge of Application Migrations and Data Migrations from on-premise to AWS Cloud.

Experience in migrating and implementation of multiple applications from on-premises to the cloud using AWS Services like - EC2, S3, ECS(EC2 and Fargate), RDS, SQS, SNS, VPC, API Gateway, CloudFront(Signed URL, Static Web Page, Dynamic Web Page), Lambda, NLB/ALB, Route 53, Service Catalog, DBMS, HVR, EMR, Cloud Formation Template, Code Commit, Code Build, Code Pipeline, Code Deploy.

Expertise in Docker containerized environment, hosting web servers on containers, building Docker images using docker file.

Responsible for service account creation in EKS and deployment.

Experienced in Automated resource creation process using CFT, JSON, Bash and Python scripts through the pre-boot and bootstrapping process.

Lift and shift of an existing on-premises application to AWS.

Worked on Signed URL application, Static and Dynamic website using CloudFront.

Written various Lambda services for automating the functionality on the Cloud.

Done the capacity planning and architecture design of AWS Infrastructure.

Strong knowledge of Web Services, API Gateways and application integration development and design.

Work with distributed teams to design and develop frameworks, solution accelerators, proofs of concept, and external customer-facing products.

Worked on configuring Cross-Account deployments using AWS Code Pipeline, Code Build, and Code Deploy by creating cross-account policies and roles on IAM.

Strong experience designing and deploying highly available, resilient, cost-effective, fault-tolerant, and scalable distributed systems on AWS.

Knowledge of recommended best practices for building enterprise-wide scalable, secure, self-healing and reliable applications on AWS.

Leveraging AWS, Terraform, Python and bash to rapidly provision multi-team cloud environments.

Use Jira to track effort and manage sprints.

Radix Health

DevOps Engineer, Pune, Maharashtra
10/2019 - 10/2020

Responsible for migrating Radix Internal client applications to AWS(Cloud) with the aim of reducing the cost, while improving the ability to maintain the infrastructure. I have migrated 20+ clients on AWS up until.

Written shell script to setup up to 400 Alerts at once in AWS Cloudwatch.

Responsible for Implementation of Dome9 like security scanner using AWS security services to scan AWS infrastructure for vulnerabilities and make it HIPPA compliant.

Responsible for creating policies, roles, users, groups and providing granular level access to the users, enabling versioning, MFA on buckets etc.

Lead and guide the team in identifying and implementing new technologies.

Responsible for VPN site-to-site connectivity with clients.

Good knowledge of Postgres Engine and the respective query.

Responsible for cloud security and protection such as DDOS attacks, WAF.

Configured aviatrix(VPN) in Radix for all users to access their network.

Configuring AWS boto(python 3.7) library for automation.

Responsible for creating new client infrastructure on Aptible(Cloud-based 3rd party tool) as well as AWS.

Responsible for SSL certificate renew and automation using bash.

Responsible for creating JIRA and assigned to respective teams.

Setting up virtual environments for rapid development and testing.

Rigeldata Solutions

Cloud Engineer, Pune, Maharashtra
04/2017 - 10/2019

Responsible for launching Amazon EC2 Instances using Amazon Web Services(Linux) and configuring launched instances with respect to specific availability zones and regions.

Responsible for AWS Console access limitation to specific users using AWS IAM Policies.

Good Knowledge of architecting secure VPC solutions in AWS with help of Subnet, Network ACLs, security groups, public and private network configurations, Route Table.

Configuration and management of S3 buckets and also managing the policies for S3 buckets.

Generate AWS Monthly/Quarterly Metrics and provide solutions for Cost Optimization in AWS accounts.

Worked with S3 Tiering Class and Life Cycle Policy.

Responsible to send mails when CPU Utilization cross threshold.

Written scripts to restart applications on schedule time on the weekend.

Whitelisting and blacklisting of IPS in AWS WAF.

Technical Skills

Cloud Platform – Amazon Web Services (AWS), Private Cloud, GCP.

AWS Services – Ec2, S3, VPC, VPN, ECS, Cloud Front, ALB/ NLB, ACM, EBS, System Manager, IAM, API Gateway, Lambda, Cloud Front, Cloud Formation, Service Catalog, Code Commit, Code Build, Code Pipeline, Code Deploy, RDS, SQS, SNS, WAF, Route 53.

Infrastructure as code – Cloud Formation Template, Terraform

Language – Python (Boto3), Shell Scripting, JSON.

SCM Tools – GIT, SVN, Bit Bucket,

Tracking Tools – JIRA, Service Now.

Platforms: Windows, Linux, Ubuntu.

Databases: NoSQL, MYSQL, PostgreSQL ,Aurora , Redis Cache.

DevOps Tool – Jenkins, Spinnaker, Artifactory.

Security – Access & Identity, KMS, WAF.

Education

Bachelor of Engineering (Computer Science& Engineering) 2013–2017

Chhattisgarh Swami Vivekanand Technical University (CSVТУ) • Bhilai, Chhattisgarh –78%

12th Board with Computer Science(Central Board of Secondary Education) 2012–2013

Senior Secondary School Sector–6 • Bhilai, Chhattisgarh–54%

10th Board(Central Board of Secondary Education) 2010–2011

Senior Secondary School Sector–6 • Bhilai, Chhattisgarh–7.2 CGPA

Certifications

AWS Certified Solution Architect – Professional, AWS Certified Solution Architect – Associate, AWS Certified Developer – Associate, HashiCorp Certified : Terraform Associate

Awards

Rising Star Award – Annual Day 2022, Above and Beyond Award