Shreya Kumari

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CAREER OBJECTIVE

Contributing towards organizational goals and visions, by putting my best efforts to enrich the organizational growth as well as my personal growth by enhancing my skills and show case my talents at best.

CERTIFICATIONS

- **AWS Certified Solution Architect Associate: 2RBNLYFKNB1Q13G2**
- **Azure Fundamentals: H533-3278**

SKILL-SETS

- **Cloud: AWS (EC2, S3, EBS, ELB, RDS, SNS, SQS, EFS, Lambda, Route53, ASG, IAM, MFA, CloudFormation, SG, CloudFront CloudWatch, CloudTrail, Config, ECS, EIP, VPC …), Azure Fundamentals.**
- **Operating System: Linux**
- **Scripting: Shell**
- **CI/CD: AWS Code Commit, Code Build, Code Deploy, Jenkins**
- **Source Code: Git**
- **Configuration Management Tool: Ansible (Basics)**
- **Database: Oracle (SQL)**
- **Containerization: Docker**
- **Orchestration: Kubernetes**
- **Monitoring: CloudWatch**

EXPERIENCE

- **Accenture:** DevOps/Cloud Service Operations Analyst (March 2018– Current)

  ➢ Built scalable, secured, optimized and highly available applications that leverage various AWS domains and services like Compute, Storage, Network & content delivery, Security and Identity compliance, Management & Governance.

  ➢ Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.

- Monitoring system critical alert like CPU utilization, memory utilization and swap memory utilization using CloudWatch metrics for different systems (Dev/Qua/Prod).
- Configuring VPC environment using public & private subnets, IGW, NAT Gateway/Nat Instance, Security groups, EIPs, Route tables and VPC peering.
- Connecting AWS services (S3, CW) under Private network using VPC End Point.
- Creating buckets, uploading files, apply permissions to buckets & defining S3 storage classes.
- Monitoring every resource deployed using CloudWatch. Analyze and troubleshoot issue based on CloudWatch logs.
- CloudWatch agent installation for different systems (Dev/Qua/Prod).
- Installing Apache web server on EC2 instances and managing S3 buckets using AWS CLI.
- Created NAT gateway and NAT instance to allow communication from the private instances to the internet.
- Having a good understanding of cluster, nodes, Pods, k8 architecture.
- Setting up CI/CD pipelines using AWS Code Commit, Code Build & Code Deploy.
- Involved in setting up of backend applications like Apache Tomcat, Http server and configuring them as per the project requirement.
- Outlining EC2 instance using CloudFormation templates
- Working on Kops for checking the cluster on the AWS platform.
- Automating Jenkins build using poll SCM and cron job.
- Automating deployment on Kubernetes with CI/CD jobs.
- Generate the deployable artifact with maven.
- Creating deployment and services using Ansible and Kubectl commands.
- Automating docker images and containers using Ansible playbook.
- Responsible for creating Jenkins job to deploy on docker container through docker hub and integrating docker hub with Ansible.
- Touch base knowledge on Shell scripting.
- Involved in setting up and integration of docker, maven, tomcat, ansible with Jenkins.
- Creating Elastic Load Balancing on EC2 servers and troubleshoot the ELB issues.
- Extensively used ticketing tool ServiceNow for day to day activity.
- Lambda integration with ALB for balancing HTTP(s) loads.
- Using Asynchronous Invocation for speeding up lambda services.
- Working on server provisioning as per client request.
- Creating event notification in lambda using DLQ & Lambda Destination.
- Creating ECS container with autoscaling to run application as per client request.
- Working on start, stop and restart of window/Linux based apache tomcat or WebSphere Application Server.
- Creating or cloning user's roles, group, policies to avoid security vulnerabilities using IAM and MFA.
- Setting up SNS notification mail to respective teams for Cloud watch alarms.
- Configuring alarm as per the CPU and memory threshold.
- Creating EBS vol and attaching to EC2 instance.
- Encrypting unencrypted volumes.
- EBS volume migration and resizing at AWS console.
- Start-stop and reboot of database and application servers.
- Changing EC2 instance type as per the requirement.

EDUCATION

Bachelor of Technology (Instrumentation Technology)
Bangalore Institute of Technology, Bangalore, 2013-17 ---------------------- 63.01%

Higher Secondary
Patna Central School, Patna, 2011-13 --- 71.83%

Senior Secondary
Patna Central School, Patna, 2010-11 -- 83.60%

EXTRA CURRICULAR

- Participation in annual day dance competition of champions week 2016 organized by Boogie Woogie Academy.
- 2nd position in drawing competition 2012 organized by Arts and Artist Kala Kendra.

PERSONAL DETAILS

- Date of Birth: 15th June 1996
- Mother's Name: Mrs. Anju Devi
- Father's Name: Mr. Arjun Prasad