
Girish Raj



+91-9007661047

girishraj.10@gmail.com

[linkedin.com/in/rajgirish/](https://www.linkedin.com/in/rajgirish/)

CAREER OBJECTIVE

Looking for a promising & challenging career which will enable me to provide best of my technical, analytical & professional skills.

CERTIFICATIONS

- **AWS Certified Solution Architect (Associate): GD3HLYBCFJ4QQCW9**
- **Azure Fundamentals: H532-6273**

TECHNICAL SKILLS

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

WORK EXPERIENCE

Accenture Pvt Ltd – Kolkata (March 2018 – Current)

Role: DevOps/Cloud Service Operations Analyst

- Monitoring system critical alert like CPU utilization, memory utilization and swap memory utilization using CloudWatch metrics for different systems (Dev/Qua/Prod).
- Creating EC2 instances, taking snapshots, load balancing and auto- scaling in AWS.
- Configuring VPC environment using public & private subnets, IGW, NAT Gateway/Nat Instance, VPN, Security groups, EIPs, Route tables and VPC peering.
- Connecting AWS services (S3, CW) under Private network using VPC End Point.
- Setting up VPC flow Logs on AWS CloudWatch & S3.
- Responsible for creating S3 buckets using encryptions (SSE-S3, SSE-KMS) and updating the policies to control user-based access to S3 buckets. Create/Managing buckets on S3 and enabling or disabling versioning on S3 buckets.
- Monitoring every resource deployed using CloudWatch. Analyze and troubleshoot issue based on CloudWatch logs.
- Installing AWS CLI on EC2 instances, managing S3 buckets using AWS CLI.
- Created NAT gateways and instances to allow communication from the private instances to the internet.
- Having a good understanding of cluster, nodes, Pods, Kubernetes architecture.
- Setting up CI/CD pipelines in AWS Code Commit, Code Build & Code Deploy.
- Touch base knowledge on Shell scripting.
- Creating Elastic Load Balancing on EC2 servers and troubleshoot the ELB issues.
- Lambda integration with ALB for balancing HTTP(s) loads.
- Outlining EC2 instance using CloudFormation templates.
- Using Asynchronous Invocation for speeding up lambda services.
- Generate the deployable artifact with maven.
- Working on Kops for checking the cluster on the AWS platform.
- Automating docker images and containers using Ansible playbook.
- Involved in setting up of backend applications like Apache Tomcat, Http server and configuring them as per the project requirement.
- Automating Jenkins using poll SCM and cron job.
- Responsible for creating Jenkins job to deploy on docker container through docker hub and integrating docker hub with Ansible.
- Involved in setting up and integration of docker, maven, tomcat, ansible with Jenkins.
- Automating deployment on Kubernetes with CI/CD jobs.
- Creating deployment and services using Ansible and Kubectl commands.
- Setup CI/CD environment with docker, maintaining the docker images and containers.
- Creating restore points during critical DB activities using SQL Commands.
- Maintain the environment with Kubernetes for managing clusters and auto-scaling.
- Creating event notification in lambda using DLQ & Lambda Destination.
- Creating or cloning user's roles, group, policies to avoid security vulnerabilities using IAM and MFA.
- Extensively used ticketing tool ServiceNow for day to day activity.
- Configuring alarm as per the CPU and memory threshold.
- Setting up SNS notification mail to respective teams for Cloud watch alarms.
- Creating EBS vol and attaching to EC2 instance.
- Encrypting unencrypted volumes.

- Changing EC2 instance type as per the requirement.
- EBS volume migration and resizing both at AWS console.
- Start-stop and reboot of database and application servers.

QUALIFICATIONS

Bachelor of Technology (Instrumentation Technology)

Bangalore Institute of Technology, Bangalore, 2013-17-----67.88%

Higher Secondary

St. Karen's Secondary School, Patna, 2010-12-----66.00%

Senior Secondary

V.B.B. Vidyapeeth, 2009-10-----81.07%

EXTRA CURRICULAR

- Participation in annual day dance competition of champions week 2015 & 2016 organized by Boogie Woogie Academy.
- 2nd position in drawing competition 2012 organized by Arts and Artist Kala Kendra.

PERSONAL DETAILS

- Date of Birth: 13th May 1993
 - Mother's Name: Mrs. Reena Devi
 - Father's Name: Mr. Shambhu Prasad
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