

Nandhagopal

AWS Devops Engineer

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Career Objective:

Seeking an opportunity in an organization where my abilities and skills to be utilized for the development of its growth and to me, by giving opportunity to learn, educate and enrich my knowledge.

Professional Summary:

Overall, 6.9 years of Experience, in which 2.5 Years of relevant experience as AWS DevOps Engineer.

- Having Experience on handling Cloud services: EC2, S3, IAM, SNS, SQS, SES, Cloud Watch, Cloud front, Cloud information, Load Balancer, Auto Scaling, Elastic Beanstalk, VPC, RDS, DynamoDB, Code deploy, Code Pipeline, Web Hosting
- Experience in working on AWS and its services like **IAM, VPC, EC2, EBS, S3, ELB, Auto Scaling, Route 53** and **SNS** and create custom sized **VPC, subnets, NAT** and **Security groups**.
- Experience on handling **EKS** cluster and over clustering using **Kubernetes** and Architecture of Kubernetes.
- Experience in Docker like creating **Docker images, containers, Dockerfile, tagging** and publishing to **DockerHub**. Created and managed **Docker** deployment pipeline for custom application images in using **Jenkins**.
- Expertise in writing **ad-hoc commands** and playbooks, and creating **Roles** for Scalability and Reusability in Ansible.
- Having experience in writing modules in **Terraform** to provisioning infrastructure in AW
- Hands on experience on handling of Version control tool **GIT** and its activities like Tagging, Branching, Merging and User access control.
- Hands on experience in Jenkins for continuous integration and continuous deployment
- Experience in scripting languages (**Shell**) and **Linux** Commands
- Good experience in Creating/Managing volume **snapshots**. Using volume snapshots of cloud instances and re-building the instances.

Technical Skills:

Cloud	: AWS
Versioning Tools	: Git, GitHub
CM Tools	: Ansible
Build Tools	: Maven
CI/CD Tools	: Jenkins
Container	: Docker, Dockerhub registry
Orchestration	: Kubernetes, EKS, ECS
Scripting	: Shell Scripting
Ticketing	: Service Now
Operating Systems	: Linux, Windows, Ubuntu
Application Server	: Apache Tomcat
Monitoring tool	: Cloudwatch, Splunk

Professional Experience:

- Currently Working at Exhale Tech Systems, Chennai - From Oct 2018 To Till date.
 - **Cloud Devops Engineer** - From Oct 2020 To Till Date
 - **Software Support Engineer [L2]** - From Oct 2018 To Sep 2020
- Worked as **Junior Support Engineer [L1]** at AMPS electrical management company Pvt Ltd, Chennai – From Mar 2018 To Sep 2018
- Worked as **Junior Support Engineer [L1]** at Concentrix Daksh India Pvt Ltd, Chennai – From Sep 2016 To Apr 2017
- Worked as Electrical Maintainance at Sai Sri Engineers, Chennai - From Dec 2015 To Sep 2016
- Worked as Electrical Maintainance at Thermo control facility management Pvt Ltd, Bangalore - From Feb 2015 To Dec 2015

Work Exposure:

Exhale Tech Systems - From Oct 2018 To Till date

Cloud and DevOps Engineer from Oct 2020 to Present

Roles and Responsibilities:

- Create and maintain fully automated CI/CD pipelines for code deployment.
- Managed **GitHub** repositories and permissions including branching and tagging.
- Used **Ansible** for Configuration Management and having good experience on writing ansible playbook and roles and Knowledge on Ansible Tower.
- Managed GitHub repositories and permissions, including branching and tagging.
- Containerizing applications with **Docker**. Responsible for managing the **Docker** private registry and having good knowledge of maintaining containers using **Kubernetes**.
- Provisioned the aws services by writing **Terraform Modules** and worked on handling **Statefile Locking**.
- Launching amazon **EC2** cloud instances using Amazon Web Services (Linux, Windows, Ubuntu) and configuring launched instances with respect to specific applications.
- Experienced in configure and manage cloud infrastructure platforms utilizing AWS, launching Amazon EC2 instances and setting up security groups and configure **ELB** with EC2 **Auto Scaling** groups.
- Installed application on AWS EC2 instances and configured the storage on **S3** buckets.
- Perform S3 buckets creation, policies and the **IAM** role based policies.
- Created monitors, alarms and notifications for EC2 hosts using **cloud watch**.
- Creating **alarms** in Cloud Watch service for monitoring the server performance, CPU utilizations, disk usage etc.
- Setting up private networks and **sub-networks** using virtual private cloud and creating security groups to associate with the networks.
- Build servers using AWS importing volumes, launching EC2, RDS, creating security group, auto scaling, load balancers in the defined virtual private connection **VPC**.
- Hands on experience of AWS services like EC2, S3, Auto Scaling, SNS SQS SES, VPC, Load Balancer, RDS, IAM, Cloud Front, Cloud Formation, Cloud Watch, Security Groups, DynamoDB, Code deploy, Code pipeline in windows.
- Implemented domain name service (**DNS**) through route 53 to have high available and scalable applications.
- Created topics in **SNS** to send notifications to subscribers as per the requirement.

Software Support Engineer – L2 from Oct 2018 to Sep 2020

Roles and Responsibilities:

- Collaborate with IM team to ensure that the performance of the team achieves the KPI's.
- Worked in production support and different applications related to SQL and SAP basis.
- Coordinated with team members and project manager to resolve various issues related to bug-fixing, incidents, and service request.
- Experience in working with the leading customer in the world and have direct interaction with customers on a incidents and service requests.
- Supported multiple production releases.
- Continuously monitoring and supporting the application.

AMPS Pvt Ltd, as Junior Support Engineer [L1] – From Mar 2018 To Sep 2018**Roles and Responsibilities:**

- Verify the received work type.
- Handled backend Oracle Sql database
- Maintain and update data base with the details of target companies
- Cold calling prospects, generate leads and fix up appointments for Sales Manager
- Actively engage in email campaigning
- Assist in creating RFP responses to potential clients
- Identifying relevant tenders from tender sites
- Procuring the document from the official procurement sites
- Develop the response plan and review the plan with the team

Concentrix Daksh India Pvt Ltd as Junior Support Engineer [L1] – From Sep 2016 To Apr 2017**Roles and Responsibilities:**

- Participated in rotating 24x7 "on call" support coverage for severity 1.
- Efficiently identified and resolved issues related to Queue assigned tickets.
- Managed and prioritized an individual open case queue.
- Documented and reported application defects to respective teams.
- Implemented application fixes in a production.
- Assisted Quality Assurance team in validating bug fixes and patches.
- Analyzed contract requirements and conditions
- Proceed with the appropriate steps to resolve the case.
- Sending the intimation letter/Mail to the client.

Education Qualification

Course	Institution	Year
BE	Arulmigu meenakshi amman college of engineering ,Kancheepuram with 71%	2009-2013
12 th	Bharathidasanar matric hr. sec school, Arakkonam with 86%	2008-2009
10 th	Dr.V.Genguswamy naidu matric hr. sec school,Tiruttani with 75%	2006-2007

Personal Details:

Name : Nandhagopal
Marital Status : Married
Nationality : Indian

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

(Nandagopal)