

# MohanKumar Selvaraj

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## Objective

Interested in long term opportunities providing responsibilities to architect, implement the AWS Cloud Computing environment and supporting AWS cloud in enterprise level

## Professional Summary

An outstanding, self - motivated professional with around 5+ years of experience in IT industry and relevant 2.6 years of experience AWS, Linux/Unix and Software Configuration & Build/Release Management.

- Expertise in Amazon AWS Cloud Administration which includes services like: EC2, S3,EBS, VPC, ELB, AMI, IAM, Route 53, Auto scaling, Cloud Watch, Cloud Trail, Security Groups etc.,
- Administration various environments in software development life cycle (SDLC), Ubuntu, Red Hat Linux. Experience supporting Ansible Environment with multi servers and involved in developing manifests.
- Creation of Clusters for Load Balancing and to provide Failover Environment.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
- Amazon tools used include EC2, S3 storage, Oracle, Python, Ansible, GIT, and Jenkins
- Experience with monitoring tool like Amazon Cloud watch to monitor major metrics like Network packets, CPU utilization, Load Balancer Latency
- Automated Regular AWS tasks like snapshots creation using python scripts.
- Configured and monitored distributed and multi-platform servers using Ops Work inAWS. Defined AWS stacks, layers and workstation to manage and configure nodes.
- Installing, customizing web servers as per existing infrastructure. & requirements
- Choosing webservers as per load, hardware & application type.
- Selecting & configuring web server roles i.e. Load Balancer, rev. proxy etc.
- Compiling them with required modules. Optimizing with carefully selecting worker process. Compression, etc.
- Setting Memcach on AWS Elastic Cache & EC2 instances.
- Developed Cookbooks and Recipes to manage systems configuration.
- Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like Subversion (SVN) and GIT.
- Experience in cloud stack such as AWS (Cloud formation) and stacks.
- Extensively worked on Jenkins and Hudson by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.
- Extensive experience with software Build automation and standardization tools like ANT, Maven
- Installed and Managed Jenkins for CI and Sharing Artifacts respectively within the company.

- Excellent communication, team membership and relationship management skills.
- Strong ability to troubleshoot any issues generated while building, deploying and in production support.

## PROFESSIONAL EXPERIENCE

### Client 1: Preethi

#### Roles & Responsibilities:

- Build and deployments under different testing environments starting from development to staging and production.
- Expertise Knowledge in version control system in GIT.
- Created shell scripts to automate CI/CD process.
- Good knowledge on Linux Administration.
- Experience in code covering tool Sonarqube maintaining quality control and quality gates as per client requirement.
- Experience in various DevOps tools such as provisioning scripts, deploymenttools, development and staging environments on AWS and using Ansible.
- Working experience on Docker containerization tool and deployed variousapplications to various environments.
- Good experience on Amazon Web Services (AWS), Creating EC2 Instancesand configuring all necessary services end to end.
- Taking the backup of S3 and attaching the EBS to instance.
- Created virtual infrastructure by using VPC service.
- Strong experience on build tools and packaging the source code using Maven.
- Experience in maintaining in Nexus artifactory repository mangers maven builds.
- Participate in building the DevOps Platform using configuration management tool like Ansible.
- Performed continuous Build and Deployments to multiple UAT and Production environments.
- Working experience on Docker containerization tool and deployed variousapplications to various environments.
- Good experience on Amazon Web Services (AWS), Creating EC2 Instancesand configuring all necessary services end to end
- Taking the backup of S3 and attaching the EBS to instance.
- Created virtual infrastructure by using VPC service.
- Experienced on Branching, Merging concepts in Version Control tool like GIT
- Working experience on operating systems like Windows, Linux, Unix etc.
- Worked on Service now ticketing tool.
- Ability to learn new skills quickly

## Client 2: Fullerton India

### Roles & Responsibilities:

- Create and maintain full automated CI/CD pipelines for Code deployment.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC)
- Experienced in creating complex IAM policies, Roles and user management for access within AWS.
- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches and scaling.
- Used Ansible for Configuration Management and having good knowledge of writing Playbooks.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- 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 Docker swarm.
- Setup/Managing VPC, Subnets, make connection between different zones blocking suspicious ip /subnet via ACL.
- Setup/Managing CDN on Amazon Cloud Front to improve site performance.
- Creating/ Managing AMI/ Snapshots/ Volumes, Upgrade/ downgrade AWS resources (CPU, Memory, EBS).
- Created volumes and attach volumes on to EC2 instances.
- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Attaching or Detaching EBS volume to AWS EC2 instance.

## CAREER PROFILE

**Anunta Technologies – (June 2019 to till date)**

**Onward Technologies – (April 2017 to June 2019)**

## Education

**B.E | 2015 | SRI RAMAKRISHNA ENGINEERING COLLEGE COIMBATORE**

**DIPLOMA | 2011 | SRI RAMAKRISHNA POLYTECHNIC COLLEGE**

## Declaration

I hereby declare that the above given details are correct to the best of my knowledge and I will be fully at disposal of the entire satisfaction on my superiors

MohanKumar Selvaraj

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