Venu Gopal Nistala

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Summary

- *AWS certified Solutions Architect*- associate with experience in designing and maintaining cloud-based solutions with AWS.
- *2+ years experience* in developing and maintaining **CI/CD process for SaaS** and on-premises applications.
- Proficient in tools like **Git, Ansible**, **Jenkins**, **Maven**, **Terraform** and **Docker**.
- Strong verbal and written communication skills due to the dynamic nature of collaborations with customers, vendors, and other engineering team, solving complex business problems together.
- Keen and quick learner, team oriented, and ability to deliver in complex situations. Strong attention to detail ensuring issues are logged and resolved prior to launch.

Skills

- *AWS*: EC2, ELB, VPC, RDS, IAM, Cloud formation, S3, Cloud watch, Cloud trial, SNS, SQS, EBS, AWS RDS.
- *SCM tools*: GIT, Bit Bucket.
- *DevOps tools*: Maven, Jenkins, Chef, Ansible, Terraform, Packer, Docker, Kubernetes
- *Programming Languages:* Java, Bash, Python.
- *Database System*: SQL Server, Oracle, PostgreSQL.
- *Operating systems*: Windows, Linux, CentOS, RHEL.

Education

- *Master of Engineering in Electrical and Computer Engineering*   *Sept 2018 – April 2020*
  Carleton University.
- *Bachelor of Engineering in Electronics and Communication Engineering*   *Aug 2012 – April 2016*
  Andhra University.

Work Experience

Development Operations Engineer, Genpact Headstrong Ltd.   *June 2016- June 2018*

- Created new accounts, roles using IAM and managed IAM policies to meet security audit and compliance requirements.
- Experience in working with the source code management Git as a shared repository for the source code.
- Designed and implemented Continuous Delivery pipelines and integrated Jenkins for automating build/release process.
- Generated build using Maven as build tool and used Jenkins to move builds from one environment to other environments.
- Administered Amazon S3 bucket as the artifact repository to deploy the artifacts generated by Maven.
- Implemented Ansible playbooks for configuration management of AWS hosted instances and to deploy applications on all servers through SSH. Gathered required configurations of all servers and maintain the playbooks updated using Ansible.
- Built terraform templates to provision EC2 instances in AWS within the required VPC, subnets and assigned security groups.
- Experienced with container-based deployments using Docker, working with docker images, Docker Hub and Kubernetes.
- Administrated Jenkins for continuous integration and deployment into apache tomcat/web sphere application servers in a load-balanced environment.
- Part of the team that helped migrating the legacy infrastructure to AWS cloud forming various environments such as Dev environment, a testing environment and finally deploying the infrastructure successfully to the public cloud.
- Collaborated with development teams to streamline deployments for Dev and QA environments and introduced effective ways of communication and streamlined use of Jira, confluence.