

Madhu Venkatesh

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Professional Summary:

- ☑ AWS-DevOps Engineer with 5 years of experience in AWS Cloud and DevOps methodology
- ☑ Working experience in continuous integration using Git, GitHub, Maven, Jenkins, Ansible, Shell Scripting
- ☑ Working experience in continuous delivery, Infrastructure automation using Ansible & Terraform.
- ☑ Hands on experience in creating Roles, Playbooks for cloud automation (AWS) and Application deployment automation.
- ☑ Good experience in Amazon Web Services (AWS), Creating EC2 Instances and configuring all necessary services.
- ☑ Extensively used Code Commit, Code Build, Code Pipeline.
- ☑ Expertise in CodeDeploy, AWS Cloud Formation.
- ☑ CloudWatch for monitoring server metrics, creating alarms & integrating with auto scaling.
- ☑ Configured security groups, Network Access Control Lists, Routing Tables
- ☑ Managed Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling, AMI, IAM through AWS Console
- ☑ Having experience in Ticketing & Bug tracking tool JIRA
- ☑ Working experience on operating systems like Windows, Linux etc.
- ☑ Good knowledge of programming concept, OS related issues, Server configuration and builds and release process.
- ☑ Ability to learn and master new technologies and also to deliver outputs in short deadlines.
- ☑ Build and configured virtual Data center in Amazon cloud to support Enterprise hosting which includes **VPC** public, private subnets, **Security groups** and Route tables.
- ☑ Experience in building **Amazon RDS, Elastic Load Balancing** and **Auto Scaling**.
- ☑ Good hands on to support for multiple environments and as well as communicating with different teams.
- ☑ Configured **IAM** services creating new IAM users & groups, defining roles and policies and Identity providers.

Work Experience:

- Worked as AWS-DevOps Engineer in **Netfinity technologies** from Feb 2017 to till now.

Technical Skills:

- Operating Systems : Windows, Ubuntu
- SCM Tools : GIT and GitHub, BitBucket
- CI Tools : Jenkins
- Web & Application Servers : Apache Tomcat

- Scripting : Shell Scripting
- Build Tools : Maven
- Database : Mysql, PostgreSQL
- Monitoring Tools : Cloud Watch
- Containerization Tool : Docker
- CM Tools : Ansible
- AWS Services : EC2, VPC, RDS, IAM, S3

Educational Qualification:

- ☑ M.Tech from ANU in 2012 with 69%
- ☑ B.Tech(Mechanical) from JNTUK in 2009 with 57%

Project: 3

UK CARD TECHNOLOGY OPERATIONS

Duration: Jan 2021 to till now

Role: DevOps Engineer

Responsibilities :

- ☑ Involved in DevOps POC's by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization
- ☑ Built up CI/CD pipeline using Git, ant, maven, Jenkins for JAVA and Middleware applications
- ☑ Automating build process used for Java, and Middleware applications using tools / automation framework like Jenkins.
- ☑ Creating continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and AWS code deployment for various deployment scenarios like Tomcat deployment, Multiple applications deployment.
- ☑ Involved in Release management like planning, scheduling, and deploying Releases
- ☑ Experience in AWS provisioning by creating EC2 Instances and configuring all necessary services like Security, EBS, and S3.
- ☑ Involved in job scheduling for daily and nightly build activity using Jenkins.
- ☑ Automating build process for creating JAR/WAR artifacts using Ant and Maven.
- ☑ Creating new jobs in Jenkins and managing the build related issues.
- ☑ Coordinating with the Development team to fix the Build related issues.
- ☑ Attended various trainings on GIT, Ant, Maven, and Jenkins to create DevOps.

Project: 2

Title : Yaneeda Travels

Team size : 12
Technologies : AWS, Automation
Duration : June 2019 to Dec 2020

Description:

Yaneeda wanted to create a smart portal that connected travel buyers with local incoming tour operators – all in a secure and controlled environment providing consumers a first class experience at a lower cost.

Responsibilities :

- ☑ Developed and executed Test Cases and reporting defects
- ☑ Worked on automation testing of application (Selenium RC).
- ☑ Creating test scenarios for automation testing and Writing automated test stories.
- ☑ Writing, executing, maintaining automation test scripts and reporting the results.
- ☑ Testing the application across different browsers and different versions of a browser.
- ☑ Testing the web application on different instances (Local and Staging).
- ☑ Responsible to maintain the efficiency of all the software and applications that run on **UNIX** system.
- ☑ Monitor the systems, processing unit, **Memory Storage**, network, etc and identify technical defects.
- ☑ Used **Nagios** as IT infrastructure monitoring tool ,monitoring host resources such as processor load, disk usage, system logs; monitoring applications, services, and network protocols.
- ☑ Build application and database servers using **AWS EC2** and create **AMI** as well for Oracle DB.
- ☑ Maintained User accounts and groups, setting up User environments in Linux.
- ☑ Removed, Installed, Upgraded, and queried software packages using **RPM** and **YUM**.
- ☑ Worked on version control using **Github**.
- ☑ Automate administration tasks through use of scripting.
- ☑ Resolve the user queries with regards to software and hardware functioning.
- ☑ Communicate the technical complexities to the non technical associates.

Project: 1

Title : CarrerRide
Team Size : 10
Technologies : Ubuntu, Mysql, AWS
Duration : Feb 2017 to June 2019

Description:

CareerRide.com is a Leading career portal in India which covers Current Events, Current Affairs, Interviews, General Knowledge, Latest Group Discussion, English Test, Career articles it is a very useful web portal for students which helps to practice test for their various exams and also guide to prepare resumes and it also helps those who are trying to crack civil services & it almost covers all the contents which is helpful for students & who are seeking for job.

Responsibilities :

- ☑ Understanding user business requirements
- ☑ Study and Analysis of various documents
- ☑ Good exposure in Software Development Life Cycle
- ☑ Review all defects and Monitoring the defects status frequently and summarize the results.
- ☑ Installed, upgraded and managed packages via RPM and YUM package management.
- ☑ Configured **IAM** services creating new IAM users & groups, defining roles and policies and Identity providers.
- ☑ Worked on Infrastructure as a code to automate process on **AWS** by using **CloudFormation** and **Terraform**
- ☑ Hands on experience on Source control management with **CodeCommit** and **Git**. Managing Branching, Merging, Labeling/Tagging and Integration with CI tools.
- ☑ Involved in troubleshooting of Red Hat Linux server issues and hardware issues and replacements.
- ☑ Experience in Source Control branching, Merging, tagging, resolving file branch and merge issues in **Git**.
- ☑ Implement, maintain and support reliable, timely and reproducible builds for project teams.
- ☑ Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
- ☑ Own full lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.
- ☑ Implemented CI/CD by using Jenkins & CodeDeploy service.
- ☑ Written terraform templates to provision infrastructure required for other teams

(Madhu Venkatesh)