**Naresh kumar R**

**AWS and Devops Engineer**

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**Objective:**

To secure a challenging position where I can effectively contribute my skills & expand my knowledge for the dynamic growth of organization. Well versed in software production, development life-cycle and release of software products. Looking for a responsible position as a Devops Engineer in an established IT firm with 2+ years of experience on Cloud automation activities.

**Summary:**

IT Professional with 10+ years of experience in IT industry and 2.5 years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continuous Integration, Continuous Deployment, and Continuous monitoring using Automation Tools.

**Professional Summary:**

* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service(AWS), Ansible, Jenkins, Git, Maven, Docker, Kubernetes etc.
* Used Ansible and writing Playbooks to deploy web applications, application servers and vendor applications.
* Installed and maintained the GIT repositories.
* Trained development teams on GIT usage and best practices.
* Administering Jenkins and secured Jenkins with role based access controls.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Git, Ansible, Maven, Jenkins, Apache Tomcat.]
* Good working knowledge in CI & CD and building a pipeline using Jenkins.
* Have hands-on knowledge with Ansible and writing Playbooks.
* Excellent working knowledge on virtual system like Docker.
* Experience in configuring and updating the servers using configuration management tools like Ansible, and Experience in Containerization tool like Docker.
* Good understanding in ECS (EC2 Container Service) for cluster management.
* Good knowledge in Auto-scaling and load balancing concepts.
* Have knowledge in setup and configuring Monitoring tool.
* Installed and setup ELK server monitoring tools.
* Experience at defining Ansible Server and workstation to manage and configure nodes.
* Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management GIT.
* Excellent analytical, coordination, and communication skills.

**Educational Qualifications:**

* B Tech in EEE (Electrical & Electronics Engg.) from BVC Engineering College Amalapuram, JNTU Kakinada.

**Professional Experience:**

**#1 Manappuram Finance Ltd.**

**Role** – Cloud Engineer (From Sep-2019 to Present)

**Technical Skills:**

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| --- | --- |
| Version Control Tools | Git, GitHub, |
| Build Tools | Maven |
| Continuous Integration | Jenkins |
| Containerization | Docker, Kubernetes |
| Configuration Management | Ansible, |
| Scripting Languages | Shell Scripting, Yaml |
| Operating System | Linux, Windows |
| Cloud Technologies | Amazon Web Services |
| Monitoring | New relic |
| Web servers | Apache, Nginx |

**Projects:**

**Project #2**

Client: OGL (Online gold loan) Android/IOS application.

Role: Cloud Engineer.

Duration: Jan-2021 to Till date

**Roles and Responsibilities:**

* Driving industry best practice implementation around CI/CD and infrastructure management.
* Written manifests to customize the Ansible as per our environment.
* Manage the configurations of multiple servers using Ansible.
* Integrated the Ansible playbooks with Jenkins.
* Having good exposure in Jenkins for CI (Continuous Integration).
* Administered version control system that included branching and merging.
* Responsible for creating and developing the build process environment.
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, RDS, Route53, IAM, Elastic Search.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Hands-on in writing the Docker files for building images.
* Containerizing applications with Docker
* Responsible for managing the Docker private registry.
* Participate in building the DevOps Platform with DevOps tools and high end scripting languages.
* Developing build and deployment pipelines using Jenkins, Maven for Java applications
* Configuration management software like Ansible. Performed infra automation tasks using Ansible.
* Experience in build management and continuous integration tools. (Jenkins)

**Project #1**

Project : MADU e-learning exam portal

Role : Cloud Engineer.

Duration: Oct-2019 to Dec -2020

**Roles & Responsibilities:**

* Software Configuration management (Build and continuous Integration using Maven, Jenkins &GIT.)
* Creating branches and tags on Git repository and provided braches access permission to dev team.
* Creating CI/CD pipelines by integrating Git, GitHub, Maven, Jenkins, Ansible, Monitoring Tools and AWS (provisioning).
* Creating War / Ear files using Maven.
* Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm. .
* Responsible for creating Builds and Deployments Planes.
* Hands on experience in installing and administrating CI tools like Jenkins and GIT,   
  Environments: Linux, Jenkins, Docker, GIT, Tomcat Server, Apache Server, AWS Guidelines and published the reports.
* Based deployments to Amazon–EC2.
* Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a Jar, War, Ear.
* Perform Build activities using Maven and Jenkins tool.
* Automate the build Process Using Jenkins jobs.
* Upload Build artifacts in to Amazon S3 location.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our java source code.
* Experience working on Docker hub, creating Docker images and handling multiple images primarily for middleware installations and domain configurations.
* Design and create automated Build and Deployment process.

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**Role** – Regional IT Coordinator (From July-2014 to Sep-2019)

**Work Summary:**

* Day-to-day management of the IT support within Group Technical Services.
* Taking ownership of Incidents and Problems assigned to IT Support Team through to resolution as per SLA.
* Planning and organising time of team members effectively.
* Documentation of all areas of technology, processes and procedures at both high and technical levels.
* To seek feedback from all internal customers to understand if their IT requirements are being meeting their challenges or not.
* Assign schedules, coordinate staff and allocate resources to ensure efficiency and productivity are maximized.
* Responsible for remote coordination of IT infrastructure implementation/integration.
* Provides telephonic or remote access diagnoses and resolution of computer hardware, software and network related issues to Field engineers and end users.
* Fully versed in infrastructure and networking.
* Training to newly joined engineers
* Escalation of calls to Concern vendor Team after first level problem Isolation.
* Track inventory for any items sent for repairs and follow up for Replacement.
* Maintaining SLA`s as per company policy.
* Managing movement of Engineers on emergency basis and call closure
* IBM Maximo incident tool updation.

**# 3 Manappuram Finance Ltd.**

**Role** – Desktop/Network Engineer (From May-2011 to Jul-2014)

**Work Summary:**

* Inter store LAN with structured cabling with end to end Network Connectivity with testing & commissioning.
* Implementing LAN according to the customer’s requirement.
* Installation, configuration and maintenance of, Desktops and Laptops.
* Maintaining ghosting procedure with proper backups at the time of OS issue of Desktop and server.
* Installing and operating windows and Server 2003 operating Systems.
* Applying patches as per company policies.
* Install, configure & upgrade E Mail clients like Thunderbird, Microsoft office outlook.
* Installation and troubleshooting, configuration of HP LaserJet Network Printers
* Checking the configuration and connectivity of ADSL Routers and 3G Combo Routers
* Doing Preventing maintenance as per company policy
* Applying patches as per company policies.

**Declaration:**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

(R. Naresh kumar)