

RESUME

RAMU BANAVATH

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Professional Summary:-

- Having 3+ years as a **"Cloud Devops Engineer "** in supporting, automating, and optimizing mission-critical deployments and Shell Scripting, AWS Architect for Cloud Technologies in IT infrastructure functions. Proven analytical and Problem-solving skills and dedicated to maintaining the high security standards and integrity of the organization's IT infrastructure leveraging configuration management, CI/CD, and DevOps processes.
- Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools
- Hands-on experience in Docker, Kubernetes, Git, Jenkins,
- Extensively involved in testing the Web Applications manually.
- Good analytical skills with the ability to understand business functions and processes swiftly
- Ability to be flexible, follow tight deadlines, organize and prioritize work and deliver results
- Excellent problem solving and issue resolution abilities
- Ability to deliver exceptional customer service in a fast-paced environment
- Have excellent problem solving, time management skills, ability to work independently.
- Team player with good interpersonal and communication skills and the ability to work in a team environment.
- Knowledge on AWS cloud installing and configuration
- Knowledge on installation of Linux server over AWS
- Hands-on experience on Linux server deployment process
- Cloud Watch for monitoring server metrics, creating alarms & integrating with Auto scaling.
- Good knowledge of programming concepts, OS related issues, Server configuration and builds and release process.
- Implemented Docker for creating development environments and QA environments.
- Extensive experience in using Build Automation scripting like Maven.
- Administration/Maintenance experiences of continuous integration build engine, Jenkins.
- Having knowledge on setting up and managing Docker private repositories.
- Having experience in creating custom Docker Images using Docker file. Having knowledge on Docker Networking.
- Having experience in the container orchestration tool Kubernetes..

- Experience in AWS services like VPC, EC2, S3, and VPN, Auto scaling, CloudWatch, SNS, LoadBalancer, SQS,RDS.
- Experience on creating templates with Cloud formation

Worked on CI/CD Implementation using GITHUB, Jenkins, Maven, Nexus, Ansible, Docker for deployment purpose

Technical expertise:-

- ❖ Tools : Ant,Maven
- ❖ Containers : Docker, Kubernetes
- ❖ Language : shell scripting Python
- ❖ Dev Software : Git, Jenkins, Puppet
- ❖ Ticketing tool : JIRA

PROFESSIONAL EXPERIENCE:

Infosys - HYDERABAD Role :

AWS DevOps Engineer

Project : Commercial Metals Company Infrastructure Management

Client : Commercial Metals Company Infrastructure Management

Environment : Jenkins, Docker, Maven, Git, Nexus, Nagios, Tomcat, Kubernetes, AWS, Cloudformation

DESCRIPTION: E-commerce is to remain on Safer Edge and deliver the desired results to the client you need to shift the focus on quality and performance of your E-commerce website while shrinking timeline as much as possible

RESPONSIBILITIES:

- Developed and implemented Software Release Management strategies for various applications according to the agile process.
- Installed, Configured and Administered Jenkins Continuous Integration Tool.
- Used MAVEN as a build tool on java projects for the development of build artifacts on the source code.
- Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
- Experience in setting up Upstream and Downstream Jobs Jenkins. Worked with Jenkins Pipelines.
- Integrated MAVEN with GIT to manage and deploy project related tags.
- Deploy and monitor scalable infrastructure on Amazon Web Services (AWS) & configuration management using Ansible.

- Written Simple Ansible YAML scripts to configure the servers.
- Configuring the Docker containers and creating docker files for different environments.
- Version control and source code management using the GitHub, SVN
- Automation of build process (Build Automation) using Jenkins, Maven and with SCM tools like Git, SVN.
- Experience with Apache/Tomcat, Load Balancer (Apache, Nginx, HAProxy) and expertise in making configuration changes.
- Provided 24x7 production support and development environments. Ability to communicate requirements effectively to team members and manage applications.
- Maintained build related scripts developed in ANT and Shell. Modified build configuration files including Ant's build.xml.
- Experience in Administration/Maintenance of Source control management systems such as Subversion, Git / GitHub.
- Managed the Subversion branching strategy for a few applications by creating Release branches, Development branches thus ensuring the integrity of Trunk
- Installed and configured GIT and communicating with the repositories in GITHUB.
- Performed necessary day to day Subversion/GIT support for different projects.
- Participated in the release cycle of the product which involves environments like developments QA and production
- Involved in identifying build errors in the system and identifying the build issue and escalating it to the concerned team after careful analysis. Work and coordinate with them to get the fix in the release.
- Worked on Continuous Integration System i.e. Jenkins. Used Jenkins for official nightly build, test and managing change list. Installed Multiple Plugins for smooth build and release build pipelines.

Project Name : Medical Insurance Claiming System
Environment : GIT, Jenkins, maven, Ansible, Docker
Role : DevOps Engineer

RESPONSIBILITIES:

- Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins GIT).
- Writing Inventory Files and Ansible configuration files.
- Creating playbooks in Ansible for configuration, Deployment.
- Configured packages, services using Ansible modules like yum, service, templates, handlers etc.
- Automating AWS cloud deployments using Ansible.
- Configured Jenkins Jobs, install plugins for generating Project artifacts.

- Setup the Nexus Repository for deploying the artifacts.
- Perform Deployment of War files in Tomcat application servers using Shell script and Ansible.
- Automate the build Process Using Jenkins jobs.
- .Verify Deployments logs to check for successful deployments.
- Perform deployments to multiple environments like Dev., QA, and UAT environments
- Responsible for tagging and maintaining code on version control GIT.
- Configuring Apache tomcat server using Ansible.
- Responsible for creating Builds and Deployments Planes.
- Creating War / Ear files using Maven.
- Perform Build activities using Maven and Jenkins tool.

AWS ENGINEER:

Responsibilities:

- Proficient in Cloud to design Infrastructure as a service (IAAS) in AWS services like VPC, EC2, S3, ELB, Auto Scaling, EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, CloudTrail
- Infrastructure Development on AWS by employing services such as EC2, CloudFront, Cloud Watch, VPC
- Knowledge on creating Elastic Load Balancing, VPC's, Security group
- Proactively support team building and on boarding efforts via mentoring contributions
- Knowledge on Autoscaling
- Having Knowledge Creating snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances
- Setup and attached EBS volumes to EC2 instances
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- Configuring S3 bucket with restricted policies
- Amazon IAM Service enables users to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM
- Working in distributed computing
- Knowledge of monitoring, logging and cost management tools that integrate with AWS
- Create and implement automation for cloud platforms as well as monitoring and alerting purposes
- Unit testing & continuous integration are something you can't do without
- Identifying and driving the CSI and automation initiatives

Academic Qualification:

- **Bachelor of Science** (Computer Science) 2016 from Nagarjuna Govt College MGU
- **Board of Intermediate** (MPC) 2013 from Pragathi Junior College

PERSONAL DETAILS:

Name : B.Ramu

Father's Name : B.Sukya Naik

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Strengths:

- Capable of accepting challenging tasks.
- Everlasting willingness to learn new things.