**Karapu Varun Ranga Kumar**

**Devops& Cloud Cosultant**

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**Objective:**Looking forward to work in an organisation, which give me an opportunity to perform and provides me a constant learning environment, where my ideas, efforts and contribution lead self as well as organisational growth.

**Professional Summary:**

* DevOps experience with AWS, Jenkins, Ansible, Docker,kubernetes.
* Experience in branching, staging and maintaining the version across the environments working on Software Configuration Management (SCM) GIT(Github).
* Good experience using Maven/ for building java based webapplications
* Implementing CI CD process. Good in implementing pipeline as a code inJenkins.
* Expertise in Trouble shouting on java applications in Tomcat services and Web application inApache.
* Expertise in Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, ELB, IAM, AMI, SNS, RDS, Route 53, Cloud Watch, ECS.
* Supported deployments into DEV, QA, UAT, Pre-Prod & PROD environments with multiple application server technologies like Apache Tomcat.
* Good Exposure on Virtualization and Containers(Docker).
* Knowledge on writing Terraform for IaaS inAWS.
* Extensively worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build anddeployments.
* Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.
* Worked with Docker and created multiple containers and images and also had experience on writing theDockerfile
* Created the deployments, services and ingress flows for the application setup in the Kubernetes cluster.
* Participated in release level discussions and gone through the total SDLC and Agile methodology
* Provided 24x7 dedicated support for emergency site maintenance and immediate build and install requests
* troubleshooting production issues and fix systems issues when necessary

**Technical Skills:**

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| Core Skills | Devops Tools |
| Cloud Platform | AWS |
| Operating Systems | Linux, |
| Configuration Management | Ansible |
| Build Tools | Maven, Ant |
| Version Control Tools | GIT (GIThub) |
| Application server | Tomcat |
| CI CD Tool | Jenkins |
| Languages/Scripts | Shell Scripting |
| Containerization Tools | Docker |
| Monitoring Tools | Cloud Watch |
| Artifact Repository | S3 |
| Technologies | .Java |

**Professional Experience:**

* Currently working in Lince Soft Solutions Pvt Ltd since August 2018 to till date.

**Qualification**

* Completed B.sc(Electonics&Computers) from Aditya degree college in the year 2015

**Client: Capgemini**

**Role:AWS &Devops Consultant**

**Duration:November 2019 to till date**

**Responsibilities:**

* Used Jenkins for Continuous Integration and Continuous Delivery (CICD) into Tomcat Application Server
* Created Docker files and build images and push to the Docker private registry
* Created the deployments, services and ingress flows for the application setup in the Kubernetes cluster.
* Developing build and deployment pipelines using Jenkins, Maven for Java applications
* Strong working knowledge on GIT, SVN.
* Developed a fully automated continuous integration system using Git , Jenkins and custom tools developed in Bash
* I have good experience on .net based applications.
* Deploying an ASP.NET application using the AWS Elastic Beanstalk Deploy Applications.
* Deploying a ASP.NET Core web application to Amazon ECS using an Azure DevOps pipelines.
* Experience in build management and continuous integration tools.(Jenkins)
* Designed and built cloud service models including Infrastructure-as-a-Service (Iaas) Driving industry best practice implementation around CI/CD and infrastructure management.
* Administered version control system that included branching and merging
* Responsible for creating and developing the build process environment.
* Set up the local development environments through Docker containers for new developers.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Well-versed with Amazon Web Services (AWS) provisioning and good knowledge of AWS Services like EC2, Elastic Load-balancers, ALB, S3, EBS, RDS, VPC, Route53, Cloud watch, Cloud Formation and IAM.
* 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.
* Configuring and Networking of Virtual Private Cloud (VPC). Develop Cloud Formation scripts to automate EC2 instances.
* Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), Auto Scaling.
* Created alarms and notifications for EC2 instances using Cloud Watch. Installed and configured Nagios monitor tool performance on all nodes.
* Setup and maintained Development, QA, Pre-Production, and Production environments.
* Environment: Jenkins, Maven, GIT, Ansible, JIRA, AWS, AppDynamics,Docker, Kubernetes, Apache Tomcat.

**Client: Tech Mahindra**

**Duration: August 2018–October 2019**

**Role : Build and Release Engineer**

**Responsibilities:**

* Involved in git repository setup, branching and authentication activities in GitHub.
* Created repositories according the structure required with branches and tags.
* Analyzed and resolved conflicts related to merging of source code for GIT.
* Attended sprint planning sessions and daily sprint stand-up meetings.
* Created jobs for tagging and branching.
* Worked with multiple project teams to setup build automation scripts using MAVEN.
* Experience in writing the build automation scripts for web application and enterprise java applications using build.xml and POM.XML.
* Deploying jar/war files in Tomcat app server.
* Managing the binaries using artifactory tool sonatype nexus and Integrated with Maven and Jenkins as part of Continuous integration process.
* Automate the build process using Jenkins jobs. Monitoring daily builds using CI tool Jenkins . Verifying logs if build fails.
* Worked on Docker like building Docker files and Creating Docker Containers.
* Verify Deployment logs to check for successful deployments. Deploy the artifacts into Nexus Repository.
* Responsible to create build and deployment plans.