**Uday Kumar**

**Email: Kuday3132@gmail.com**

**Phone: (636) 851-9787**

**Sr. DevOps Engineer**

**LinkedIn:**<https://www.linkedin.com/in/uday-kumar-052743165/>

**PROFESSIONAL SUMMARY:**

* Around 9 years of hands on involvement in IT industry, prioritizing Automation, CI / CD Software Configuration Management (SCM), Security, Cloud Resource Utilization, environment setup etc.
* Expertise in creating DevOps strategy by implementing CI/CD of code with tools like Version controls, Jenkins, Maven etc. and Config Mgmt tools like Chef, Ansible & Puppet.
* Strong experience on DevOps concepts like **Build Automation**, **Continuous Integration** (CI), **Continuous Deployment** (CD), Infrastructure as code technologies, Cloud computing.
* Experience with various **AWS** services like **EC2, S3, ELB, Glacier, VPC, RDS and**

**Cloud Watch, elastics IP, security groups and cloud formation**.

* Worked on **AWS Cloud Formation Templates (CFT)** to create custom-sized VPC, Subnets, EC2 instances, ELB and Security groups.
* Good experience in utilizing **GIT, GitHub** furthermore to have organization learning to bolster employee and GitHub clients.
* Strong software development experience developing products using **Microsoft technology stack.** Have substantial experience in product delivery using agile and scrum methodologies.
* Application Deployment and environment configuration using **Chef, Puppet and Ansible**.
* Configure **Docker** containers and creating **Docker** files for different environments
* Expertise in automation tools like **Git, Ant, Maven, and Jenkins, Chef, Puppet, PowerShell, Ansible, Nagios, and Docker**
* Managed ongoing updates and configuration changes to AWS environments using deployment. Automation tools such as **Jenkins** alongside **chef** and **terraform**
* Proficient in Maintaining Enterprise Nexus code repository and **SonarQube** Code Quality management, regularly monitoring the quality gate of Enterprise applications using **SonarQube**.
* Automated the ETL process through scheduling and exception handling routines
* Worked on google cloud platform (GCP) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager
* Experience in Working with **Ansible** and **Ansible Tower** as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications and well versed with Ansible Playbooks, modules, and roles.
* Experience in working with **Microsoft Azure platform** for support delivery, solved complex billing and technical issues
* Experience in managing Azure data lakes (ADLS) and Data Laka Analytics and understanding of how to integrate with other Azure services .
* Automated creation of S3 buckets using powershell and deploying to S3 buckets using Octopus Deploy
* TCP/IP networking protocol expertise, as well as practical experience designing and implementing network infrastructure for various organizations, is required.
* Experience with **Linux Administration, Application Build and Release Management, Cloud Infrastructure management, Software Configuration Management.**
* Expert in Implementing a production ready, highly available, fault tolerant **Kubernetes** infrastructure. Working on Scheduling, deploying and managing container replicas on a node cluster using **Kubernetes**.
* Written templates in AWS infrastructure as a code using terraform to build staging and production environments.
* Hands-on experience in **Azure Cloud Services** (PaaS & IaaS), Storage, Web Apps, Active Directory, Application Insights, Logic Apps, Data Factory, Service Bus, Traffic Manager, Azure Monitoring, OMS ,Key Vault, Visual Studio Online (VSO), Cognitive Services (LUIS)and, SQL Azure.
* Experience on different kinds of application servers and web tiers including A**pache tomcat, JBoss, IBM WebSphere.**
* Ability to manage Dynamic Host Configuration Protocol (DHCP) effectively, ensuring accurate and efficient network address distribution to all connected devices.
* Monitoring **Splunk** infrastructure (identify bad searches, dashboards and overall health of **Splunk**) and collaborate with respective teams to improve performance
* Experience with MongoDB, MSSQL, MySQL and Server DB Tasks.
* Installed, configured and managed the **ELK** (Elastic Search, Log stash and Kibana) for Log management within EC2 / Elastic Load balancer for ElasticSearch.

**TECHNICAL SKILLS:**

| **Operating System** | Red Hat Linux 4,5,6, Sun Solaris 8.9.10, VSphere 4.0,5.0, Windows 98, 2000 Millennium Edition, XP, 7/8/10, Linux, CentOS 5,6, Fedora, Ubuntu |
| --- | --- |
| **CM Tools** | Ansible, Chef, Docker, Puppet |
| **CI Tools** | Jenkins, Hudson, Nexus |
| **Build Tools** | Ant, Maven, Gradle |
| **Version Control** | Git, CVS, Perforce, SVN |
| **Cloud** | AWS (VPC, EC2, Cloud Formation, S3, IAM, RDS, Route 53, Cloud Watch, Redshift, Code Deploy, Code Pipeline, RDS, DynamoDB and Elastic Cache,pcf ,GCP, Azure |
| **Scripting** | Shell, Groovy, Python, Java script |
| **Database** | Oracle 9i, 10g, Db2, MS access, MySQL 3. x. |
| **Languages** | C, Java, Java , c++, C# |
| **Web App Servers** | Apache Tomcat, IBM WebSphere, JBoss |
| **Monitoring Tools** | Nagios, Splunk, Cloud watch |
| **Ticketing Tools** | Bugzilla, Jira, GE Service Now |

**PROFESSIONAL EXPERIENCE:  
Capital One, Remote Jan 2022 – Present   
Sr. DevOps Engineer   
Responsibilities:**

* Extensively used App dynamics , Quantum Metrics, Splunk, AWS CloudWatch and Impulse to analyze the system resources bottlenecks like memory leaks, CPU utilization, response time throughput, errors, and user frustrations as well as any type of problematic DB component. Created alerts on Quantum metrics if any of the metrics hits their thresholds.
* Worked on Core AWS services such as setting up new server (ec2) instances/services in AWS, configuring security groups and setting up Elastic IP’s autoscaling
* Created AWS instance based on the requirement and reprovision the instances before going to expire infrastructure automation using cloud formation template (CFT) for automate AWS instances creating
* Worked closely with developers to ensure quick resolution of defects to coordinate with development team in understanding the requirements design documents and issues.
* Re-provisioned and Re-hydrated ec2 instances with latest AMI’s and appropriate security groups
* Hands-on experience in implementing effective monitoring and observability strategies, methodologies and related components/tools such as ELK/Splunk
* Performed configuration management, troubleshooting, addressing complex issues including day to day operations management related to Automation & CI/CD Orchestration
* Working with the Guide wire development team to further develop integration adapters and other integration mechanisms
* Experience with installation and configuration of Dynatrace monitoring tool and created email alerts and threshold values using Dynatrace for our environment
* Experience in setting up the Dynatrace agents for application servers and analyzing issues using Dynatrace
* Created and developed test environments of different applications by provisioning Kubernetes cluster on AWS using Docker Ansible and terraform
* Developing custom integration programs to connect guide wire applications with other internal and external systems
* Automated installation of new relic agents and updates using Octopus Deploy
* Experienced in writing Ansible playbooks to automate our build/deployment process and do an overall process improvement to any manual processes and also managed servers on cloud platform AWS
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications
* Worked on ETL tool suite to design and develop workflows transformation mappings and UNIX scripting
* Worked on Azure site recovery and Azure Back up deployed Instances on Azure environments and in Data centers and migrating to Azure using Azure site recovery and collecting data from all Azure resources using log analytics and analyzed the data to revolve issues.
* Worked with terraform templates to automate the AZURE Iaas Virtual machines using terraform modules and deployed virtual machine scale sets in production environment.
* Converted existing AWS infrastructure to server less architecture (AWS Lambda, Kinesis) Deployed via terraform and AWS cloud formation
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Having good experience to write manifest files in Kubernetes (Pod, Deployment, Services), ECS, EKS, AWS S3, GitHub, Terraform
* Working with DevOps practices by AWS, Elastic Bean stalk & Docker with Kubernetes.
* Worked on Setting up the Data dog on end to end setup and created dashboards, Alerts and deployed data dog agents
* Responsible for delivering an enjoyable and seamless onboarding experience from other on premises or cloud platforms
* Configured, maintained, and troubleshooted network infrastructure components like hubs, routers, switches, and bridges.
* Capable of deploying, managing, and troubleshooting modern network technologies such as VLANs, VPNs, and MPLS.
* Helped to maintain content development/deployment baseline across clients based on the maturity of the environment as well as the latest trends in security
* Partners with CI/CD and Cloud engineering teams and technical product managers to support a continuously evolving platform
* Build servers using AWS, Importing volumes, Launching EC2, RDS creating security groups, auto-scaling load balancers ELB'S in the defined virtual private connection.
* Worked on terraform for provisioning of environments in AWS platform
* perform day to day operation and troubleshooting of VM's and Docker swarm in AWS
* Experience in server consolidation and virtualization using UML Linux, and VMware virtual infrastructure, VMware ESX 2.x, VMware Vcenter.
* Installation and configuration of VMWare ESX servers and created RHEL guest VM’s for Dev/ Test and production environment.
* Customized and managed chef cookbooks and provisioning the highly available EC2 instances using terraform and CloudFormation and also tested chef cookbook modifications on cloud instances and using test kitchen and chef spec
* Launching and configuring of Amazon EC2 (AWS) Cloud Servers using AMI#39;s (Linux/Ubuntu) and configuring the servers for specified applications using Jenkins.
* Used technical acumen to provide alternatives, ask probing questions and support the team in technical issue resolution
* Hands-on deployment and troubleshooting expertise to at least a medium level (on a scale of low, medium and high expertise) on the Observability technologies and products
* Involved in developing, implementing and maintaining technical software applications
* Designed and implemented appropriate environments for DevOps tools set, and provide production support
* Worked on App dynamics to check logs and created the dashboards
* Implemented effective monitoring and observability strategies, methodologies and related components/tools such as ELK/Splunk.
* Build visualization and Dashboards using Kibana.

**Environment**:AWS, Dynatrace, Quantum Metrics, Splunk, Bitbucket, CI/CD, tomcat,Whitesource, web services, API and UI, Chef, Datadog, terraform,GCP.

**MasterCard, O’Fallon, Missouri**

**Sr. BizOps/ DevOps Engineer Jan 2020 –Dec 2021**

**Responsibilities:**

* Good understanding of Pivotal cloud foundry(PCF) Architecture (Diego Architecture), PCF components and their functionalities. Experienced in using Pivotal Cloud Foundry (PCF) CLI for deploying applications and other CF management activities.
* Implemented Micro-services using **PCF** platform build upon Spring Boot Services. Managed the lifecycle of containers and processes running using **Diego**cell rep. Worked on **PCF Dev**to push and scale apps for debugging applications locally on a **PCF**deployment.
* Ensured successful architecture and deployment of enterprise-grade **PaaS**solutions using **Pivotal Cloud Foundry**(**PCF)** as well as proper operation during initial application migration and set new development
* Experience in microservices deployment with Jenkins pipeline including build process, GitHub repo for PCF.
* Worked with the configuration team to configure Splunk for PCF deployed microservices and monitoring dashboard.
* Experience on rollback mechanism for PCF deployment and configure ongoing traffic with PCF Auto scaling, managing scaling up and scaling down
* Build DynaTrace dashboards and reports and help teams to build their own dashboards.
* Help app teams to troubleshoot problems using DynaTrace.
* Plan, coordinate, and implement security measures to protect data collected by DynaTrace.
* Created and maintained CICD pipelines for Java and mainframe applications using GitLab, Jfrog, Jenkins, JUnit, Ansible, SonarQube
* Responsible for web application deployments over cloud services (web and worker) on Azure using VS and powers hell.
* Preferable Azure by creating multilevel hybrid pipeline of CI and CD helped clients to achieve Kubernetes platform.
* Migration on premise data to Azure Data Lake store(ADLS) using Azure Data Factory. (ADF V1/V2)
* Maintained the physical database by monitoring performance, integrity and optimize SQL queries for maximum efficiency using SQL profiler index tuning wizard.
* Develop new and enhance DynaTrace plugins to meet specific requirements of app teams.
* Automated the DynaTrace upgrade, agent installation and configuration.
* SPLUNK scalability, capacity planning, distributed setup, Search Head Clustering, Index Clustering, and performance specifications
* Hands-on experience in customizing Splunk dashboards, visualizations, configurations using customized Splunk queries.
* Developed **groovy scripts**to use **multi-branch pipeline projects in Jenkins** to configure it as per client’s requirement.
* Wrote python, Groovy and shell Scripts to automate the build process and administration jobs.
* Strong understanding of DNS architecture and protocols, as well as practical experience managing DNS servers and resolving various DNS-related issues.
* Automated **CI/CD** integration system between **Chef, Bitbucket** and **Jenkins**.
* Experience in Deploying and administering in the use of **Tomcat and WebLogic**
* Created **Chef** Recipes, automation tools and builds, and did an overall process improvement to any manual processes. Wrote multiple cookbooks in **Chef**.
* Worked on blue-green deployments. Deployed for the applications.
* Worked on Change requests for the deployments and for the testing even Axon changes and also XMLGW and synapse policies for all the environments.
* Onboarded the applications to Check Marx for scan the applications,
* Integrated Jenkins with SonarQube
* Experience in dynatrace on boarded the applications and created the dashboards  
  and also helped the dev team creating the Dynatrace alerts for the applications.
* Onboarded the applications to Splunk and created the dashboards and helped the dev team with the alerts.
* Supported the dev team with their issues. Migrated the flyway applications to BTE
* Worked on integrating Xmatters with Dynatrace
* Integrated the HashiCorp vault with Jenkins for storing credentials.

**Environment**: PCF, Dynatrace, Splunk, Bitbucket, CI/CD, tomcat, checkmarx, web services, API and UI, Chef, Datadog

**Aegon/Transamerica, Cedar Rapids, Iowa**

**Sr. DevOps & AWS Cloud Engineer June 2019 - Jan 2020**

**Responsibilities:**

* Expertise in AWS Resources like EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Formation, Cloud Watch, Security Groups, Lambda, ECS, etc
* Experience in creating Jenkins CI/CD pipelines and good experience in automating deployment pipelines.
* Creating the automated build and deployment process for the application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Developed build and deploy scripts using Groovy, Python and UNIX for various products to be hosted on Application Servers.
* Implemented a Continuous Integration and Continuous Deployment (CI/CD) pipeline with Docker, Jenkins, GitHub, Maven.
* Worked with ETL framework to implement the various projects for the best practices approach to deploy and tune the ETL process.
* Managed multiple cookbooks in Chef and Implemented environments, roles, and templates in Chef for better environment management.
* Proficient in the administration of Dynamic Host Configuration Protocol (DHCP), ensuring the reliable and efficient allocation of network addresses to all connected devices.
* Experience deploying, managing, and troubleshooting AAA services like RADIUS and TAC ACS+.
* Worked on creation and managing IT infrastructure and application stack using AWS Cloud Formation and writing the template file using JSON.
* Worked on Google cloud Platform (GCP) services like compute engine, cloud load balancing , cloud storage, cloud SQL, Stack driver monitoring and cloud deployment manager.
* Working experience of deployment of Java applications through WebLogic/Web Sphere Application servers. And build tools like Gradle.
* Automated the continuous integration and deployments using Jenkins, Docker, Ansible and AWS Cloud Formation Templates.
* Strong use of various scripting languages like Groovy, Shell (Bash), JSON, Yaml, Ruby and Python.
* Provisioned the highly available EC2 Instances using Terraform and cloud formation and wrote new plugins to support new functionality in Terraform.
* Worked on identifying and delete the Terraform state file deletion and also recovering lost terraform state for ALB.
* Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes.
* Implemented and improved process for release management, automated code deployment, configuration management, and monitoring.
* Created and implemented Chef Cookbooks for deployment. And used Chef Recipes to create a Deployment directly into Amazon EC2 instances.
* Written Ansible Playbooks, which is an entry point for Server Provisioning, where the automation identified through the tasks using YAML format.
* Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes.
* Experience on working with on-premises network, application, server monitoring tools like Nagios, Splunk and on AWS with Cloud Watch monitoring tool.

**Environment**: AWS EC-2, VPC, Auto-Scaling, ELB, ELK, Shell Scripts, ANSIBLE, Java, Python, Maven, Chef, Jenkins, Docker, Nginx, Nagios, GIT, Agile, Kubernetes.

**US Cellular, Chicago JULY 2018 – MAY 2019**

**Sr. DevOps & AWS Cloud Engineer**

**Responsibilities:**

* Involved in designing and deploying multitude applications utilizing most of the AWS stack (Including EC2, Route53, S3, RDS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS CloudFormation

Created **Python** scripts to automate **AWS** Services which includes **ELB, Cloud front**, **Lambda,** database security and application configuration also Developed them to take backup of **EBS** volumes using **AWS Lambda**, **CloudWatch**

* Worked with Terraform for automating VPCs, ELBs, security groups, SQS queues, S3 buckets, and continuing to replace the rest of our infrastructure.
* Worked on many different concepts of **Chef** like **Roles, Environments, Data Bags, Knife, and Chef Server Admin/Organizations**. Written **Chef Recipes** to automate **deployment process** and **data bags** in **Chef** for better environment management and **test kitchen** to validate cookbooks.
* Experience in writing Jenkins Pipeline Groovy Scripts for Continuous Integration, Used Jenkins uploading Artifacts into Nexus Repository and deployed those artifacts into docker containers.
* Extensively used **Kubernetes** charts using **Helm** and created reproducible builds of the **Kubernetes** applications, managed **Kubernetes** manifest files and managed releases of **Helm** packages.
* Integrated **GIT** with **Jenkins** using the **GitHub** plugin to automate the process of source code check-out by providing the **URL** and credentials of the **GIT** repository.
* Configured Ansible control machine and wrote **Ansible playbooks** with Ansible roles. Created inventory in Ansible for automating the continuous deployment and wrote playbooks using **YAML scripting**.
* Used **Ansible** playbooks to set up **Continuous Delivery pipeline**. This primarily consists of a Jenkins to run packages and various supporting software components such as Maven.
* Used **Jenkins** for **CI/Automation** tool for **Continuous Integration**. Configured master and slaves to run various builds on different machines and used GIT as a Source Code manager, Maven and Gradle as a Build Tool.
* **Jfrog Artifactory** implementation and process flow in production and non-production environments.
* Continuously updating documentation for the internal knowledge base of the support team and IT team.
* Worked on setting up **Atlassian** Stack product “**Confluence in Data Center”.** Worked on integrating Jira and Confluence.
* Create complex **JIRA** workflows including project workflows, field configurations, screen schemes, permission schemes and notification schemes in **JIRA**.

**Environment**: AWS EC-2, VPC, Auto-Scaling, ELB, ELK, Shell Scripts, ANSIBLE, Java, Python, Maven, Chef, Jenkins, Docker, Nginx, Nagios, GIT, Agile.

**American Insurance Group, Frisco, Texas SEP 2017 – JULY 2018**

**Sr. DevOps & AWS Cloud Engineer**

**Responsibilities:**

* Worked on AWS and related services like EBS, RDS, ELB, Route53, S3, EC2, AMI, IAM through AWS console
* Expertise in developing templates for **AWS infrastructure** as a code using **Terraform** to build staging and production environments.
* Experienced in building **AWS S3 buckets** and managed policies and used **S3 bucket and Glacier** for storage and backup
* Implemented and maintained the branching and build/release strategies utilizing Subversion/GIT. Manage configuration of Web App and Deploy to AWS cloud server through Chef.
* Used Chef to manage web applications, configure files, database, users and packages. Developed Chef Recipes using Ruby framework to configure, deploy and maintain software components of the existing infrastructure.
* Administered cookbook source code repos for deployment cookbooks and implementing chef spec frameworks to make out cookbook issues at initial stages of authoring the recipes.
* Created Ansible playbooks to automatically install packages from a repository, to change the configuration of remotely configured machines and to deploy new builds.
* Used Jenkins for CI/Automation tool for Continuous Integration. Configured master and slaves to run various builds on different machines and used GIT as a Source Code manager, Maven and Gradle as a Build Tool.
* Implementing, maintaining and enhancing build processes using **Maven**, **Ant**, **Apache** Ivy, **Gradle**, Groovy, **MSbuild**, NANT and Nexus
* Used in Splunk to centralize and analyze logs, **Nagios** is used for infrastructure and services monitoring and as an alerting solution.
* Integrated GitLab into Jenkins to automate the code checkout process.
* Used **Kubernetes** to deploy scale, load balance, and worked on **Docker Engine**, **Docker HUB**, **Docker Images and Docker Compose** for handling images for installations and domain configurations.
* Used **Docker** to virtualize deployment containers and push the code to EC2 cloud using PCF. Built additional Docker Slave nodes for Jenkins using custom-built Docker images and instances.

**Environment**: AWS EC-2, Route 53, S3, VPC, Auto-Scaling, ELB, ELK, Shell Scripts, ANSIBLE, Unix/ Linux environment, Java, Python, Maven, Nexus, Chef, Jenkins, Docker, Nginx, Nagios, GIT, Agile.

**State Auto Insurance, Columbus, Ohio Apr 2016– AUG 2017**

**DevOps Engineer**

**Responsibilities:**

* Experience in migrating on premise to Windows Azure using Azure Site Recovery and Azure backups and also having good knowledge on **Azure Fabric, Micro services** in Azure.
* Extensive experience in Windows Azure (IaaS) migrating like creating Azure VMs, storage accounts and storage pools, migrating on premise servers to Azure and creating availability sets
* Implemented high availability with Azure Classic and Azure Resource Manager deployment models.
* Automated creating and updating for over 200+ windows scheduled tasks using octopus deploy
* CICD architecture and maintenance using **Microsoft VSTS** for Azure & On-prem datacenter.
* Managed deployment automation using **Puppet Roles, Profiles, and MCollective, Hiera**, and **Custom Puppet modules**. Wrote puppet manifests from scratch for deploying, configuring and managing metric collection and monitoring.
* Hands on with Puppet Manifest files to deploy automated tasks to many servers at once and used Puppet to create manifests, modules, files, and packages stored in the GIT repository.
* Installed and configured an automated tool Puppet that included the installation and configuration of the Puppet master, agent nodes and an admin control workstation
* Setting up with **Jenkins** automation creating **Docker** containers and building Docker images and pushed those images to **Docker** registry.
* Expertise in the Jenkins plugin management areas and implemented several CI/CD plugins like AWS EC2, Build Pipeline, **Docker**, **GIT**, and Pipeline plugins.
* Created python scripts to automate security group creation and management from state files versioned in GitHub.
* Developed **GIT hooks** for the local repository, code commit and remote repository, code push functionality and worked on the **GitHub.**
* Worked with **Ticketing & Tracking** tools like **JIRA, ServiceNow** for various tickets.
* Experience in using **Splunk** for log analyzing and improving the performance of servers. Wrote several custom Splunk queries for monitoring and alerting.
* Participated in writing **Ruby script** for building applications used to manage and tune the automation deployment tool **chef**. Integrated **JIRA** and **Jenkins** with regard to Release Noted creation and updates.
* Developed **Perl and shell scripts for automation of the build and release process**.
* Experience with monitoring systems Nagios, Grafana.

**Environment:** Maven, Nexus, puppet, chef, Jenkins, Docker, Azure, Nginx, Nagios, Git, Agile, Shell Scripts, Java, Python, Unix/Linux Environment

**IMS Health, Plymouth Meeting, PA Feb 2015 – Mar 2016**

**DevOps / Cloud Engineer**

**Responsibilities:**

* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Chef, Puppet, or custom-built designing cloud-hosted solutions, specific AWS product suite experience.
* Used Amazon Web Services (AWS) to create new instances, checking the security group settings, adding and deleting the elastic IPs for the needed servers, applying the inbound IP addresses as needed.
* Configured various jobs in **Jenkins & Hudson** for deployment of Java based applications and running test suites.
* Used **Jenkins** for Continuous Integration and deployment into **Tomcat** Application Server.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
* Developed build and deployment scripts using **Ant and Maven** as build tools in Jenkins to move into different environments and created new jobs and branches through Jenkins.
* Implemented **Continuous Integration** and **Continuous Deployment** using **Jenkins, ANT, Maven, Nexus and Ansible**.
* Automated configuration management and deployments using **Ansible playbooks**.
* Used **Ansible** as Configuration management tool to automate repetitive tasks, quickly deploys critical applications, proactively manages change and well versed with Ansible Playbooks, modules, and roles.
* Extensively worked on creating **Docker files**, building the images, running Docker containers and managing Dockerized applications by using **Docker Cloud**.
* Worked in **DevOps** group running Jenkins in a Docker container with EC2 slaves in Amazon AWS cloud configuration. Also gain familiarity with surrounding technologies such as Mesos (Mesosphere) and **Kubernetes.**
* Built, configured, and secured Virtual Machines for **Open stack** cloud environment
* Built Java based artifacts on the CM Server view using Maven, these Java based artifacts which includes war, ear and jar files for system testing and implemented configuration management (**SCM**) and change management (**CM**) using Clear Case.
* Performed automation engineer tasks and implemented the **ELK stack (Elasticsearch, Log stash, Kibana)** for AWS EC2 hosts.

**Environment**: Python, Maven, Nexus, Ansible, Jenkins, Docker, Nginx, Nagios, GIT, Agile, AWS EC-2, Route 53, S3, VPC, Auto-Scaling, ELB, ELK, Shell Scripts, Unix/ Linux environment, spark.  
  
**Value Momentum, Hyderabad July 2012- Nov2013**

**Build and Release Engineer.**

**Responsibilities:**

* Worked with developers, project managers, and product owners to set up the road map, and supported day to day build issues
* As a Release Engineer, supported multiple teams for multiple applications including Java/J2EE.
* Attended every day Scrum/Agile meetings and weekly sprint meetings to evaluate completed work and to handover new tasks
* Responsible for maintenance of source control systems Subversion and Git
* Used Maven to build RPMs from source code checked out from Git and Subversion repository, with Jenkins being the Continuous Integration Server and Artifactory as repository manager
* Maintained two Jenkins servers and one Bamboo server to deploy into production and non-production environments. Migrated Jenkins plans from one of the Jenkins to Bamboo
* Identified Configuration Items (CI) and documented their characteristics. After every deployment, delivered the Release notes on Confluence site
* Deployed Enterprise Application Archive (EAR), Web Application Archive (WAR), JSPs, and Servlets in staging, and production
* Created and maintained Shell scripts for building applications
* Knowledge of Chef as configuration management tool to automate repetitive tasks, quickly deploy critical applications, and proactively manage change
* Involved in release planning and executed the release build request from the project team through JIRA ticket
* Implemented Automated Application Deployment using Chef

**Environment:** Git, Subversion, Apache Tomcat, Bamboo, Jenkins, Maven, Confluence, Artifactory, Rally, JIRA, Chef, CentOS, Shell Scripts

**EDUCATION:**

* Bachelor’s in Computer Science - Vignan college, JNTUH - 2012
* Master’s in Computer Science - Virginia International University-2016