**Manesh Kumar**

**Devops AWS Engineer**

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**SUMMARY**

* Around 8 years of Experience as DevOps Engineer, Build & Release Engineer and Linux System Administrator, and hands-on experience with Configuration Management tools, Build, Deploy, Release Management, and other tools on UNIX, LINUX and Windows Environment.
* Created Pipelines in ADF using Linked Services/Datasets/Pipeline/ to Extract and load data from different sources like Azure SQL, Blob storage, Azure SQL Data warehouse.
* Experience with AWS instances spanning across Dev, Test and Pre-production and Cloud Automation through open-Source DevOps tools like **Chef, Puppet, Jenkins & Docker, Kubernetes.**
* Used **Ant/Maven** for building **Java/J2EE Applications.**
* Strong knowledge and experience in creating **Jenkins Continuous Integration (CI) pipelines.**
* Extensive Hands-on experience maintaining, supporting, and upgrading Kafka Cluster.
* Extensible experience in setting up Baselines, Branching, Merging and Automation Process using **Shell, Python** and **Batch Scripts.**
* Extensively used Google stack-driver for monitoring the logs of both GKE and GCP instances and configured alerts from Stack-driver for some scenarios. Hands-on Experience in Google Cloud components, Google container builders, and **GCP** client libraries and cloud SDKs.
* Experience in writing server-side code for Google Cloud Platform (**GCP**) based applications, creating robust high-volume production applications, and developing prototypes quickly.
* Written Jenkins Pipeline Groovy Scripts for Continuous integration and build workflows and used Jenkins for uploading Artifacts into Frog Repository.
* Good Experience of Amazon **AWS Cloud Service (EC2, S3, EBS, ELB, RDS, SNS, SQS, IAM, VPC, Cloud Formation, Route53, Cloud Watch).**
* Very good understanding on WebSphere MQ.
* Experience in using different data engineering frameworks on Cloudera, AWS and Azure.
* Expertise in deploying **JBoss, Tomcat** and Apache servers through the DevOps pipeline including tools **GitHub, Jenkins, Artifactory** and release automation.
* Designed **AWS Cloud Formation** templates to create custom sized **VPC, Kubernetes, subnets, NAT** to ensure successful deployment of web applications and database templates.
* Have worked on packaging **NodeJS, JAVA applications**.
* Experience in Querying **RDBMS** such as **Oracle, MySQL** and **SQL Server** for data integrity.
* Installed, Configured, Managed Monitoring Tools such as **Splunk**, **Nagios** for Resource Monitoring/Network Monitoring/Log Trace Monitoring.
* Designed and implemented Software configuration management (SCM) and Change Management (CM) solutions using **TFS, Rational Clear Case, Jira, Remedy, ClearQuest (Change Control tool).**
* Delivered 24x7 operations through a customer-focused approach including PagerDuty and troubleshooting problems with Remedy Ticketing System.
* Automated the data pipeline using Azure Data Factory.
* Developed Azure Logic Apps for sending the automated emails to business users after completion of data pipelines.
* Maintained and developed Docker images for a tech stack including **Cassandra, Kafka, Apache,** and several in house written Java services running in AWS Instances on **Kubernetes**.
* Worked on **KUBERNETES** with EKS where I deployed PODS for applications like tomcat WebLogic JBOSS and also databases like Cassandra. Configured helm charts for automation and deploying replica sets.
* Used Azure DevOps for CI/CD and deployment of data pipelines.
* Created several groovy scripts for Jenkins management and related components (nodes, builds, jobs, etc.)
* Experience in configuring and setting up Virtual Environments using **OpenStack**, and **AWS**.
* Quick analysing and identifying ability of operational issues including good understanding of backups, deployment and load balancing techniques.

**TECHNICAL SKILLS**

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| --- | --- | --- |
| **SCM Tool** | **:** | Subversion, GIT, GitLab, Tortoise SVN, Bit Bucket. |
| **Build/CI Tools** | **:** | ANT, Maven, Jenkins. Bamboo, Harness, Team city. |
| **Bug Tracking & Testing Tools** | **:** | JIRA, Confluence, Rally, Fisheye, JUnit |
| **Automation Container** | **:** | Docker, Kubernetes. |
| **Configuration Tools** | **:** | Puppet, Ansible, Chef. |
| **Cloud Service** | **:** | Amazon Web Services (AWS), Google Cloud (GCP), Azure |
| **Monitoring Tools** | **:** | Nagios, Splunk, ELK Stack, New Relic, Prometheus, Graphana, Kibana, Vqos. |
| **Scripting Languages** | **:** | UNIX, Shell Scripting, BASH, python, Linux, |
| **Operating Systems** | **:** | Unix, Linux (Ubuntu, Debian, Red Hat, CentOS), Solaris, Windows |
| **Database** | **:** | Oracle, SQL, MongoDB, Cassandra, Postgres. |
| **Data Pipelines Orchestrations and scheduling** | **:** | Apache Airflow, Azure Data Factory |

**PROFESSIONAL EXPERIENCE**

**Ally Bank, Sandy, UT Apr 2021 – Till date**

**AWS/DevSecOps Engineer**

**Description:** Ally Bank maintains its commitment to providing traditional and innovative products and services, while staying ahead by looking to the future, remembering the past, and concentrating on being here for the good of its customers.

**Responsibilities:**

* Working with different projects like NAPO, TDB, My Vehicle as a Devops engineer.
* Experience working on Java **design patterns** like **Singleton** while providing global access points to the instance.
* worked on the migration of mobile applications from on-premises to GCP by making the chunk of code into microservices using Google cloud SDK Shell.
* Worked on Singleton pattern design for logging, driver patterns, caching and thread pool.
* Written **Ansible playbooks** to automate our **build/deployment** process and do an overall process improvement to any manual process.
* Focused on automation and continuous integration. Automated local development environment using Ansible.
* Automated Jenkins Job configuration using Groovy scripting, for the better backup and manageability of Jenkins Jobs. Worked on Setting up a GCP Firewall rules to allow or deny traffic to and from the VM's instances based on specified configuration and used GCP cloud CDN (content delivery network) to deliver content from CP cache locations drastically improving user experience and latency.
* Managed SVN repositories for branching, merging, tagging, and developing **Shell/Groovy Scripts**for automation purposes.
* Automated the data pipeline using Azure Data Factory.
* Developed Azure Logic Apps for sending the automated emails to business users after completion of data pipelines.
* Experience in Migrating the Legacy application into the Azure Platform
* Worked upon rate cost optimization framework and governing mechanism to optimize the cloud spend.
* Drive cost optimization initiatives to optimize the spend and improve the ROI.
* Worked on migrating from onramp services to cloud and experience working with different Operating systems.
* In Automobile application infrastructure worked on Linux operating system where my part of responsibility includes , designing, Planning, Configuring multiple flavours Linux Operating Systems
* Proactively managing end-to end operations for Linux Operating systems.
* Provided support for the automotive project for multiple Linux flavours that company is using
* I have done Installation, Upgrading of Linux servers using automation.
* managed Linux native Cluster and **VETIAS** Cluster
* For the electric car automation project Container’s deployments and knowledge on Kubernetes.
* Server deployments on vSphere and other virtual technologies.
* worked on DR Deployment of strong disaster recovery plans as per SLA.
* Establish and maintain sound backup and recovery policies and procedure.
* Maintained and developed Docker images for a tech stack including **Cassandra, Kafka, Apache,** and several in house written Java services running in AWS Instances on **Kubernetes**.
* I also worked on **KUBERNETES** with EKS where I deployed PODS for applications like tomcat WebLogic JBOSS and also databases like Cassandra. Configured helm charts for automation and deploying replica sets.
* Used Azure DevOps for CI/CD and deployment of data pipelines.
* Worked on Container orchestrations with Kubernetes and building out the Kubernetes clusters.
* Utilized Kubernetesfor the runtime environment of the CI/CD system to build, test deploy and to orchestrate the deployment, scaling and management of Docker Containers.
* Worked on AWS services like **EC2, VPC, ELB, Autoscaling Groups, Route 53, IAM, CloudTrail, CloudWatch, CloudFormation, CloudFront, SNS, and RDS** to maintain **Microservices**.
* Involved in Monitoring, Alerting and Trending with **AWS CloudWatch, SNS, New Relic** and **ELK** for the applications and **Microservices.**
* Involved in Migrating **web apps** to containers and **Kubernetes** and also worked on refactoring the application.
* Analyse CI / CD processes and create new more secure and efficient **microservices** oriented processes and tools.
* Create automation to extend and innovate on **microservices** infrastructure supporting single sign on; user provisioning & de-provisioning; multi-factor authentication; security and permission management.
* Responsible for deploying **Application, Middleware, Microservices, Database changes** during ER and MR.
* Worked as **SDET** and heavily involved in both software development and testing process.
* Migration of Web applications from **IIS 6.0 to 7.5, IIS 7.5 to IIS 8.5** and FTP sites and virtual directories on IIS 6.0, IIS 7.5 and 8.5 web servers.
* Used C# code and deployed them to **AWS lambda functions** using visual studio 2019 Enterprise application.
* Dealt with **AWS Glue** for **XML to JSON transformation** and **AWS Athena** to do select queries.
* Set up a **REST API URL** using **AWS API Gateway** to make calls to the ARC application.
* Write **terraform** scripts from scratch for building Dev, Staging, Prod and DR environments.
* Experience on **Terraform**, a tool for building, changing, and versioning infrastructure safely and efficiently.
* Worked with **Terraform** features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
* Experience with AWS instances spanning across Dev, Test and Pre-production and Cloud Automation through open-Source DevOps tools like **Chef, Puppet, Jenkins & Docker, Kubernetes.**
* Experience using **groovy** scripts for automating the **Jenkins** pipelines with the **Kubernetes** clusters.
* Worked on **Groovy** script console in Jenkins to run script within Jenkins controller runtime.
* Used **groovy** scripting to decrypt credentials (with Jenkins) and configure any Jenkins setting like disable and reconfigure security.
* Worked on **Jenkins** to create build jobs, troubleshoot issues with build jobs.
* Created alerts and monitoring dashboards using Graphana and Prometheus for all microservices deployed in AWS and GCP.
* Designed and built a global **Grafana, Prometheus,** Thanos metric and monitoring system to create a single pane of glass dashboarding and alerting environment for Kubernetes clusters across regions. Handle compliance-based partitions for deployments in China and US Government region.
* Gathered data for capacity planning and costs per customer by extracting meaningful value from log events in Elastic Stack and deploying a Prometheus based metrics solution.
* Used PromQl for query matrices using Prometheus.
* Introduced Prometheus and Grafana and built dashboards around the Four Golden Signals to visualize SaaS product behaviours.
* Setting up light weight metrics and logs forwarding with **Fluent bit, Telegraph**, and **Metric Bit**  to different output plugins.
* Used **Prom tail as an agent and shipped the contents of local logs to a private Grafana Loki instance or Grafana Cloud.**
* Supported on call issues in maintenance windows and provided the solutions to the problems while in deployment.
* Experience with Configuration Management/Automation tool Ansible and has worked on integrating **Ansible YAML scripts.**
* Deploy the numerous services like **RabbitMQ, Redis, Elasticsearch (ELK), Aurora DB, Postgres, Spark** and data containers in some containerized environments using Docker-compose.
* Experience in log monitoring tools like ELK **stack** and **Splunk**.
* Wrote **Ansible Playbooks** with **Python SSH** as the Wrapper to Manage Configurations of **AWS Nodes** and Test **Playbooks** on AWS instances using **Python**. Run Ansible Scripts to provision Dev servers.
* Created scripts in **Python** which integrated with **Amazon API** to control **EC2 instance** operations.
* Worked on the various scripting languages like **bash, ruby, python**. Developed various scripts to log in to multiple servers and run the necessary commands to get the output within minutes.
* Configured Kick start servers to install Red Hat Linux CentOS and VMWare ESX on multiple machines.
* Monitoring apps servers using **ELK - Elasticsearch, Logstash** and **Kibana** for debug and logging.
* Good understanding of SDLC methodologies like **Agile, Waterfall** and **SCRUM.**
* Took ownership of scheduling, creating, running 100’s of Batch jobs/OPCON in Prod environments.
* Hanson experience with **Google Cloud Platform (GCP)**, Kubernetes Engine, Compute Engine, App Engine, cloud foundation, cloud run, cloud KMS, Data Store, Fire Store, Storage, Cloud SQL, Spanner, Pub, Sub, Dataflow, Big Query, Stack driver, Monitoring, VPC, load Balancer and Cloud Armor.
* Linux/Windows **System Administration, Patching, Updating, Installing Licenses.** Automated the data pipeline using Azure Data Factory.
* Resolved data validations using Azure boards.
* Developed Azure Logic Apps for sending the automated emails to business users after completion of data pipelines.
* Maintained and developed Docker images for a tech stack including **Cassandra, Kafka, Apache,** and several in house written Java services running in AWS Instances on **Kubernetes**.
* I also worked on **KUBERNETES** with EKS where I deployed PODS for applications like tomcat WebLogic JBOSS, and also databases like Cassandra. Configured helm charts for automation and deploying replica sets.
* Used Azure DevOps for CI/CD and deployment of data pipelines.
* Involved in **Maven/Ant Scripting**, and responsible for updating or fixing **Shell, Perl scripts** to Enhance the current methods.
* **Merge, Build** and **Deployment of the Java, Elixir codes** and various configurations changes to all Environments.
* Provided Branching and Merge strategies for the betterment of the current process.
* WebSphere and WebSphere MQ Administration.
* In WebSphere MQ set up the **channel, set up triggers and channel intuitions, seated up security using object authority manager, deployed messenger flows and sets in the Broker.**
* Troubleshooting and debugging the message **flows trace nodes and error handling.**
* Worked on groovy scripts for setting up and automating the **Jenkins** pipelines with the **Kubernetes** clusters.
* Experience working with **Jenkins** to create build jobs, troubleshoot issues with build jobs.
* Automated Build and deployments using **Jenkins**.
* Used **MySQL** and **SQL** Developer for updating and obtaining data.
* Providing technical assistance for the End Users with issues in the applications.

**Environment:** Java, Elixir, SVN, Azure, Azure Databricks, Azure Data Factory, Azure Data Lake Storage, GCP, Tortoise SVN, Groovy, Bamboo, UNIX, Shell Scripting, Perl, Jira, JAMA, OPCON, Bridges, Bamboo, Apache Tomcat, bash Script, ELK, Kafka, SOAP, JSON, REST API, Ansible, Linux, Windows, Atlassian JIRA, Python, YAML, AWS, Lambda, IAM, Prometheus and Graphana.

**New York life Insurance - Tampa, FL Jan 2019 – March 2021**

**AWS/DevOps Engineer**

**Description:** CNA a range of insurance products to support clients in business and in life, including general property/casualty, life insurance, and retirement and financial services through General Insurance, Life and Retirement and Investments Business units. This project mainly deals with life insurance domain where it provides a wide range of policies based on customers choice.

**Responsibilities:**

* Primary responsibilities include administration of multiple applications of a team that involve different development teams and multiple simultaneous software releases.
* Build and maintain **CI/CD pipelines** for supporting SDLC activities in non-prod and production.
* Used Amazon Web Services **EC2, VPC, ELB, Autoscaling Groups, Route 53, IAM, CloudTrail, CloudWatch, CloudFormation, CloudFront, SNS, and RDS** to maintain Microservices and Chef.
* Involved in development and maintain Infrastructure as code using **Lambda, AWS CloudFormation** and **Puppet** for the test servers on Next Generation platform. Implementing on Production once the tests are approved.
* Handle various platforms like Linux, Windows, and GCP for automation purpose at the same time.
* Experience in Migrating the Legacy application into the GCP Platform
* Responsible for Deploying Artifacts in the GCP platform by using Packer.
* Responsible for managing the GCP services such as Compute Engine, App Engine, Cloud Storage, VPC, Load Balancing, Big Query, Firewalls, I am Role and Stack Driver.
* Achieved in lowering the AWS cost from 40k per month to only 18k on the utilization of EC2’s by implementing Autoscaling, optimized the **EC2 cluster**.
* Installed and configured **Nexus** repository manager for **sharing artifacts** between internal teams and created proxy Nexus repositories to speed up the build process.
* Designing and implementing fully automated server build management, monitoring and deployment by Using Technologies like **Splunk, Shell scripts, GIT, Maven, GitLab, Jenkins, Nexus Artifactory, Puppet**.
* We have used Azure as well for Automated the data pipeline using Azure Data Factory.
* Developed Azure Logic Apps for sending the automated emails to business users after completion of data pipelines.
* Experience in Migrating the Legacy application into the Azure Platform
* Worked upon rate cost optimization framework and governing mechanism to optimize the cloud spend.
* Drive cost optimization initiatives to optimize the spend and improve the ROI
* Maintained and developed Docker images for a tech stack including **Cassandra, Kafka, Apache,** and several in house written Java services running in AWS Instances on **Kubernetes**.
* I also worked on **KUBERNETES** with EKS where I deployed PODS for applications like tomcat WebLogic JBOSS and also databases like Cassandra. Configured helm charts for automation and deploying replica sets.
* Used Azure DevOps for CI/CD and deployment of data pipelines.
* Setting up **New Relic** from scratch to monitor the platform both on-prem and cloud.
* Implemented the setup for **Master-slave** architecture to improve the Performance of **Jenkins**.
* Expertise in **JIRA** in issue tracking, project management, Change Management and Release Management.
* Supported and developed tools for integration, automated testing and release management.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.
* Part of decommissioning few on-prem data centres and moving applications and data to **Cloud (AWS)**
* On-Call rotation primary/secondary support every other week (includes weekends and off hours support).
* Troubleshoot application flows and customer interactions in the system and resolve trouble tickets at an incoming volume of at least 200 tickets per day added to our Queue.
* Monitor the performance of system hardware, network, and applications on a daily basis.
* Perform production **code deployments** and **support production validations** on a weekly basis.
* Perform maintenance activity on **Production** and **non-production systems.**
* Maintain and create alerting scripts to enhance and proactively monitor application and server health.
* Run reports and analytics on metrics to ensure application performance.
* Responsible for monitoring and providing the status of all applications, improving alerting scripts on various applications with **ELK stack**.
* Designed and built a global **Grafana, Prometheus,** Thanos metric and monitoring system to create a single pane of glass dashboarding and alerting environment for Kubernetes clusters across regions. Handle compliance based partitions for deployments in China and US Government region.
* Gathered data for capacity planning and costs per customer by extracting meaningful value from log events in Elastic Stack and deploying a Prometheus based metrics solution.
* Used PromQl for query matrices using Prometheus.
* Experience in setting up the infra and application logging using **EFK** stack(Elastic FluentD and Kibana). FluentD.
* Setting up light weight metrics and logs forwarding with **Fluentbit, Telegraph**, and **Metric Bit**  to different output plugins.
* Used **Promtail as an agent and shipped the contents of local logs to a private Grafana Loki instance or Grafana Cloud.**

**Environment:** Maven, Docker, EC2, GCP, Elk Stack, Kubernetes, Agile, Elastic Beanstalk, CloudFormation, Puppet, Confluence, AWS ELB, Jira, Linux, AWS lambda Cloud watch, RHEL, IAM, Nexus, Elasticsearch, Artifactory, Shell Scripts, Python, TFS, GIT, Jenkins, WebSphere, Java, J2EE.

**Wells Fargo - Charlotte, NC Nov 2017 – Dec 2018**

**DevOps Engineer**

**Description:** TCF Bank is the wholly owned banking subsidiary of TCF Financial Corporation, a bank holding company headquartered in Wayzata, Minnesota. Web Based enterprise application offers services to member banks to assist their cardholders with credit card transaction disputes. The application provides functionality that benefits member banks and allows them to provide accurate answers and quick service to cardholders.

**Responsibilities:**

* Cloud Automation Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Worked extensively with AWS Services like E**C2, S3, VPC, ELB, Autoscaling Groups, Route 53, IAM, CloudWatch, CloudFormation, SNS, and RDS.**
* Developed **Ansible** scripts for automated server provisioning and **Docker images,** reducing the time between provisioning and deployment from over 3 hours to less than 10 minutes.
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications.
* Created and troubleshooted Ansible scripts used **Kubernetes** and **YAML files** to deploy **CI/CD applications** automatically and Idempotently to reduce time costs.
* Enabled Auditing for **Kubernetes Cluster** and Monitoring logs locally, depending on namespaces required through metadata level.
* Used **ELK** and **Nagios** for monitoring and logging of different application logs.
* Implemented **CI/CD pipeline** with **Jenkins, GitHub, Nexus, Maven, GitHub, and AWS AMI**.
* Created **Docker images** using a Docker file, worked on Docker container **snapshots**, removing images and managing Docker volumes.
* Automated the data pipeline using Azure Data Factory.
* Developed Azure Logic Apps for sending the automated emails to business users after completion of data pipelines.
* Experience in Migrating the Legacy application into the Azure Platform
* Worked upon rate cost optimization framework and governing mechanism to optimize the cloud spend.
* Drive cost optimization initiatives to optimize the spend and improve the ROI.
* Maintained and developed Docker images for a tech stack including **Cassandra, Kafka, Apache,** and several in house written Java services running in AWS Instances on **Kubernetes**.
* I also worked on **KUBERNETES** with EKS where I deployed PODS for applications like tomcat WebLogic JBOSS and also databases like Cassandra. Configured helm charts for automation and deploying replica sets.
* Used Azure DevOps for CI/CD and deployment of data pipelines.
* Connected continuous integration systems with the **GIT version control repository** and continually built as the check-ins came from the developer and Managed **Maven project** dependencies by creating parent-child relationships between projects.
* Installed and configured **Nexus** repository manager for sharing artifacts between internal teams and created proxy Nexus repositories to speed up the build process.
* Designing and implementing fully automated server build management, monitoring and deployment by Using Technologies like **Splunk, Shell scripts, GitLab, Maven, Jenkins, SonarQube, Nexus, Junit, Ansible.**
* Used **Elastic Load balancer (ALB & CLB)** for pinging Ec2 instances in round-robin process and health checking of EC2 instances along with **Route 53.**
* Experience in **Docker, Docker swarm, Kubernetes** & **Ansible** in build automation pipeline and production deployment.
* Extensively used **Jira** and **Kanban** boards for workflow visualization in agile development.
* Responsible for designing and deploying best SCM processes and procedures with **GitHub, Git & eclipse.**
* Implemented the setup for **Master-slave** architecture to improve the Performance of **Jenkins.**
* Expertise in **JIRA** in issue tracking, project management, Change Management and Release Management.
* Supported and developed tools for integration, automated testing and release management.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.

**Environment:** Maven, Docker, EC2, Elk Stack, Kubernetes, Agile, Elastic Beanstalk, CloudFormation, Ansible, Confluence, AWS ELB, SonarQube, DynamoDB, Jira, Linux, AWS lambda Cloud watch, RHEL, IAM, Nexus, Splunk, Elasticsearch, Artifactory, Shell Scripts, Python, SCM GIT, API Gateway, Jenkins, Tomcat, Java, J2EE.

**Zensar Technologies - Pune, India June 2016- Oct 2017**

**Full Stack DevOps/Build & Release Engineer Feb 2014- May 2015**

**Description**: This project was designed to build a Common Access Platform for customers and insurance agents using Internet to interact with the system from any part and allow the customers to buy insurance online. Also, used by the HR department to manage the vast information generated due to massive business operations. Main objective is to help in tracking HR related issues, optimize and increase the productivity.

**Responsibilities:**

* Worked on application development for the state of Karnataka school board, where the main focus of the application is to educate via quizzes , interactive session and black board.
* As a small team included in requirements gathering from the client, application development using java , testing it manually and using automation using Selenium and Deploying it.
* Worked in I**nstallation, Migration, Integration, Implementation, Release** and **building** of products.
* Created and maintained Subversion repositories, branches and tags and Experience in Administering SVN.
* Implemented Subversion **branching** and **merging** operations for Java Source Code.
* Worked on RCP based application development using Eclipse for the R & D purposes.
* Maintained build related scripts developed in **ANT** and **Shell**. Modified build configuration files including Ant build.xml.
* Developed build and deployment script using **Shell** to Setup development and QA environments.
* Provided Configuration Management and Build support for more than 5 different applications, built and deployed to the production and lower environments.
* Configured and maintained **Jenkins** to implement the CI process and integrated the tool with Ant to schedule the builds.
* Defined and Implemented Configuration Management and Release Management Processes, Policies and Procedures.
* Worked in using Configuration management tools, Requirement Management tools, Code Static Analysis tools and Bug tracking tools.
* Used the JIRAtool to track all the defects and changes related to the Build and Release Team.
* Deployed code on **WebSphere** application servers for Production, QA, and Development environments.
* Deployed web applications using **Chef** by developing the cookbook. Also responsible for creating and importing all the environments required to run the project.
* Focused on automation and continuous integration. Automated local development environment using Chef.
* Worked with **Jenkins, SVN, chef** and all internal build systems for the core development team on an enterprise-level Java-based cloud orchestration/automation tool.
* Maintained and executed build scripts using **ANT** by coordinating with development and quality assurance teams in **Linux** Environments.
* Administered **Jenkins**, Proposed and implemented branching strategy suitable for agile/scrum development in a Fast-Paced Engineering Environment.
* Expertise with data extract and query tools (SQL/Oracle).
* Knowledge in **J2EE/.NET** build/packaging, good communication skill, experience of working between offshore/onshore.
* Created and managed all source code repositories, management security model, backup / restore of the source code repositories, and upgrading the version control system.
* Worked on **Chef** based **CI/CD solutions** to improve developer productivity and rapid deployments.
* Used Chef for creating recipes & cookbooks and stored configuration data on chef server for managing nodes. Bootstrapping, provisioning nodes using chef server and managing run-lists.
* Worked with R&D department of research.
* Worked on administration of **Linux** servers that included installation, configuration, testing, tuning, upgrading and loading patches, troubleshooting both physical and virtual servers.
* Experienced in Installing and configuring performance-monitoring tools **Nagios**.

**Environment:** java, selenium, Jenkins, SVN, Java/J2EE, ANT, Nexus, Shell Scripts, SQL Scripts, Nagios, Ubuntu, Linux.