# Satish babu

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# SUMMARY

* Skilled IT Professional with 10 years of experience in AWS, AZURE & GCP as a DevOps/Cloud Engineer.
* Operations process involving Automation, Build/Release Management, Continuous Integration, Continuous Deployment, Software Configuration Management, Troubleshooting, Service, Maintenance and enhancement, Incident and Change Management.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum, Waterfall, and server-side methodologies in the applications.
* Exposed to all aspects of SDLC such as Analysis, Planning, Developing, Testing, Implementing and Post-Production analysis of various projects.
* Strong experience on **AWS Beanstalk** for deploying and scaling web applications. Experience in Converting the existing AWS Infrastructure to serverless architecture with **AWS Lambda** and Kinesis deployed using Terraform templates.
* Automated the process of installation, configuration of the web application servers like WebSphere/ WebLogic/Apache Tomcat/JBOSS using Ansible / Chef / Puppet.
* Profusely worked on AWS EC2 cloud services for installing, configuring, and troubleshooting on various Amazon images like AMI, RedHat Linux, Ubuntu & CentOS.
* Orchestrating different Cloud applications using AWS (VPC, ELB, Route53, S3) and Deploying Microservices in DEV & QA environment using AWS ECS and Docker.
* Provide consulting and cloud architecture for premier customers and internal projects running on MS Azure platform for high availability of services & low operational costs.
* Hands-on Azure IOT platform and security threat modeling, an end-to-end solution. Special expertise in IOT data where to store historical data, manipulate, work with data, and analyze data.
* Responsible for architect and delivering all migration activities related to Legacy Apps to the Google Cloud Platform using GCP platform Services like Compute Engine, Functions, Container Security, Graphic Processing Unit, App Engine Native,3 Cloud storage, Persistent Disk, Cloud Datastore.
* Expertise in Application Deployments and environment configuration using various tools like Cloud Formation, Terraform, Ansible & CHEF.
* Virtualizing servers for Test, Development and production environments and configuring automation using Docker containers. Cloud development and automation using Python, AWS Lambda, AWS CDK (Cloud Development Kit), & AWS SAM (Serverless Application model).
* Providing a consistent environment using Kubernetes for deployment, scaling & load balancing to the application from development through production, easing the code development and deployment pipeline by implementing Docker containerization.
* Installed Jenkins master & slave nodes, configuring GIT with Jenkins and scheduling jobs using POLL SCM option between Dev/Test/Prod Branching Model for weekly releases.
* Used Terraform, GitLab Pipelines & GitLab Runner Application to create AWS components like EC2, IAM, VPC, ELB, security groups. Also used different Terraform modules for automation, Creation of VPC-VPN from data center to Production environment and Cross account VPC Peering.
* Experienced with Operations Management of cloud/on-perm IT infrastructure and services where traditional monitoring tools are complemented of gradually replaced with AIOps.
* Familiar with new generation of IT Operation Management platforms known as Artificial Intelligence (AIOps) and Machine Learning (ML) solutions.
* Extensive experience with version control and source code tools like GIT & SVN (Subversion) using source code client tools like GitLab, GITBash, GitHub, Bitbucket, GIT GUI, Code Commit, Azure Pipelines, and source control management concepts such as Branching, Merging, Labeling / Tagging and Integration.
* Strong hands-on experience in scripting languages such as Python, Bash, Perl, YML, JSON & Shell scripting with a focus on DevOps tools and CI/CD architecture.
* Successfully carried out various projects like software Integration, Configuration, Packaging, Building, Automating, Managing and Releasing code from one environment to other environment and deploying to servers.
* Developed, build, and deployed using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Installed, configured, and managed tools such as Splunk, Nagios, ELK & AWS Cloud Watch for monitoring Network, Resources and Log Trace.
* Installation, Configuration, Maintenance, Troubleshooting and Supporting systems comprised of Linux, Windows & VM platforms.
* Querying RDBMS such as Oracle and MYSQL by using SQL for Data integrity, Installation, Configuration and management of NoSQL tools such as SQL Server, DB2, PostgreSQL, MongoDB, and Cassandra.
* Worked on web servers and application servers like Weblogic, TOMCAT & IBM WebSphere to deploy code.
* Expertise in User and group creation, monitoring and maintaining log for system status, health status using Linux commands and Splunk system monitor and addressing different issues in production using Bug tracking tools like Bugzilla.
* Good understanding of OSI Model, TCP/IP protocol suite (TCP/IP, DNS, SMTP, HTTP, ICMP, UDP, FTP, TFTP).

# TECHNICAL SKILLS

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| Cloud Services (IAAS) | AWS, Azure & GCP |
| Operating System | Linux (RHEL, CentOS, Ubuntu), Windows |
| Configuration Management Tools | Terraform, Ansible, CHEF, Puppet |
| Containerization Tools | Docker, Kubernetes, OpenShift |
| Build Tools | Apache MAVEN, ANT, Gradle |
| Continuous Integration Tools | Jenkins, GitLab, GitLab Pipelines |
| Version Control Tools | GIT, GITHUB, SVN(Subversion), Code Commit |
| Languages / Scripting | Python, YAML, Shell Scripting, Bash, Perl, JSON, SQL, UNIX, HTML |
| Monitoring Tools | Nagios, Splunk, Cloud Watch, Azure Monitor, ELK |
| Application / Web Server | Apache TOMCAT, JBoss, IBM WebSphere |
| Databases | Oracle, DB2, MongoDB, SQL Server, MYSQL, PostgreSQL, Cassandra |
| SDLC/Internet Protocols | Waterfall, Agile, Scrum, TCP/IP, DNS, SMTP, HTTP, ICMP, UDP, FTP) |
| Bug Tracking Tools | Atlassian JIRA, Bugzilla |
| Testing Tools | Selenium, Junit, cucumber.js |

# WORK EXPERIENCE

## Sr. Cloud / DevOps Engineer Jun 2019 – Present

### **Fiserv - Alpharetta, Georgia**

### **Roles and Responsibilities:**

* Developed cloud migration strategy and implementation of best practices for On-Premises to Cloud migration utilizing AWS services such as database migration service and AWS server migration service using AWS Snow Family - Snow Cone & Snowball.
* Ensured successful deployment of web applications & databases using AWS Cloud Formation to create custom-sized VPC, subnets & NAT with IAM custom policies for users, groups, roles and enabled MFA - Multi-Factor Authentication.
* Migrating production infrastructure into AWS utilizing AWS Cloud formation, Code Deploy, Terraform, EBS and OpsWorks.
* Implemented highly interactive features and redesigned some parts of products by writing plain JavaScript due to some compatibility issues using jQuery.
* Involved in designing and deploying multitude applications utilizing almost all AWS stack (Including EC2, Route53, S3, RDS, SNS, SQS, IAM) focusing on high availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
* Integrated Helm charts along with multiple applications to deploy them into Kubernetes.
* Deployed and configured Elastic search, Fluent and Kibana (EFK) for log analytics, full text search, application monitoring in integration with AWS Lambda and X-Ray.
* Used Amazon Route53 to manage DNS zones and give public DNS names to elastic load balancers IP's and AWS.
* Deployed and configured Elastic Search, Log stash and Kibana (ELK) for log analytics, full text search, application monitoring in integration with AWS Lambda and Cloud Watch.
* Developed and designed continuous integration pipeline and integrated using bitbucket, Jenkins, SonarQube.
* Configured AWS cloud infrastructure as code using terraform and continuous deployment through Jenkins.
* Worked on implementing AWS services (EC2, S3, RDS, EKS) using terraform and CFN.
* Used AWS services such as EC2, ELB, Auto-Scaling, S3, IAM, VPC, RDS, DynamoDB, CloudTrail, CloudWatch, Lambda, Elasticache, SNS, SQS, CloudFormation, CloudFront, Beanstalk, EMR, AWS Workspaces.
* Configured, monitored, and automated Amazon Web Services and involved in deploying the content cloud platform on AWS using EC2 and Beanstalk for deploying and scaling web application.
* Implemented server-less architecture (SAM) using API Gateway, Dynamo DB and triggered the AWS Lambda code from Amazon S3 buckets.
* Created additional Docker Slave Nodes for Jenkins, using custom Docker Images and pulled them to ECR and monitored using Prometheus.
* Created and managed Container orchestrators like **Amazon ECS** and **EKS (Elastic Kubernetes Service)**as container management skills to run microservices on a managed cluster of EC2 instances and serverless Fargate.
* Experience in Converting the existing AWS Infrastructure to serverless architecture with **AWS Lambda** and Kinesis deployed using Terraform templates.
* Developed and tested many features for dashboard using Ruby on Rails, Bootstrap, CSS JavaScript, and RSpec.
* Wrote Ansible roles, playbooks to install and configure Apache Tomcat, Jboss in AWS Dev environment and used Terraform templates to provision Load Balancers, bastion host, NAT, Dev EC2 instances, auto scaling groups and RDS in AWS.
* Built Jenkins jobs to create AWS infrastructure from GitHub repos containing terraform code. Hands on experience on terraform as a tool for building, changing and versioning infrastructure safely and efficiently.
* Managed AWS infrastructure as code (IaaS) using Terraform by setting up the build and deployment automation for resources like cloud Virtual Networks, Compute Engines in public and private subnets.
* Using GitLab Pipelines with GitLab Runner application to provide continuous automated periodic scheduled builds based on polling the GIT source control system to support development needs.
* Performed Source code management using GIT from master repository and Container management using Docker for creating images, Docker container snapshots, removing images and managing Docker volumes and for branching purpose.
* Configured RDS, Elastic Cache and encrypted the security credentials in corresponding VPC configuring Vault.
* Provided end-to-end support for analysis, design & implementation of the applications in OpenShift Container Platform in both Private & Public environments like VMware and AWS.
* Used RedHat OpenShift container platform for Docker and Kubernetes to manage containerized apps utilizing nodes, ConfigMaps, node-selector, and Services, and deployed application containers as Pods.
* Managed Docker orchestration and Docker containerization using Kubernetes for pod container scaling and auto-scaling.
* Set up and maintained Logging and Monitoring subsystems using tools loke; Elastic search, Fluentd, Kibana, Prometheus, Grafana and Alert manager.
* Created and deployed Kubernetes pod definitions, tags, labels, and multi-pod container replication.
* Deployed pods using Replication Controllers by interacting with Kubernetes API server defining through declarative YAML files.
* Created private cloud using Kubernetes and managed Kubernetes charts using Helm. Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and managed releases of Helm packages.
* Implemented continuous integration using Jenkins and configured various plugins GIT, Maven, SonarQube, and Nexus.
* Managed different infrastructure resources Cloud, VMware, Bare Metal Servers and Docker containers using Terraform.
* Setup database in AWS using RDS and configuring backups for S3 bucket.
* Developed Dev/Test/Prod environments of different applications on AWS by provisioning Kubernetes clusters on EC2 instances using Docker, Bash & Terraform.
* Created four staged CI/CD pipelines with AWS Code Pipeline plugin for Jenkins, GitHub repository, Jenkins build server EC2 instance using IAM instance role, proxy and firewall settings to allow inbound connections on server and AWS Code Deploy.
* Migrating from GitLab to docker and implementing GitLab inside docker.
* Installed, monitored, configured applications in Nginx & Apache TOMCAT Server, established connectivity to databases and troubleshooted issues.
* Collaborated with dev team to provide Continuous build using AWS Code Star, Code Build and Continuous deployment for AWS Serverless Application Model (AWS SAM) using AWS Cloud Formation to deploy application to AWS Lambda and Amazon API Gateway.
* Deployed and configured JIRA on both hosted and local instances for issue tracking, workflow collaboration & tool-chain automation.
* Created Pre-commit hooks in Shell/Bash for authentication with JIRA-Pattern ID while committing codes in SVN, limiting file size code and file type and restricting the development team to check-in while code commit.
* Worked on Cloud Formation to automate AWS environment creation along with the ability to deploy AWS using bill scripts (Boto3 & AWS CLI) and automate solutions using Python & Shell Scripting.
* Built and maintained ELK stack to centrally collect logs that are used to monitor applications.
* Used monitoring tools like Nagios & Splunk to improve application performance, helped to get the visibility & business context to meet business demands and implemented SPARK communication tool chat BOT for triggering alerts.

**Environment: AWS, Docker, Kubernetes, OpenShift, Terraform, GIT, GitLab, GitLab Pipelines, GitLab Runner, SVN, Python, JBoss, RDS, Linux, Shell Scripting, Bash, SNS/SQS, ELK, Nginx, Nagios, Splunk, SPARK, BOT, Cloud Watch, .Net, DynamoDB, Prometheus, Puppet, Grafana.**

## Sr. Cloud/DevOps Engineer Dec 2018 – May 2019

### **CoreLogic Inc – Irving, TX**

### **Roles and Responsibilities:**

* Designed Cloud architectures for customers looking to migrate or develop new PAAS, IAAS or hybrid solutions utilizing AWS & AZURE environments and worked on migration from AWS Cloud to Azure.
* Built Azure environments by deploying Azure IaaS Virtual machines (VMs) & Cloud services (PaaS), Virtual Machine Backup and Recover from a Recovery Services Vault using Azure PowerShell and Portal.
* Identified opportunities to improve infrastructure that effectively and efficiently utilizes Office 365 and the Microsoft Azure Windows server 2008/2012/R2, Microsoft SQL Server, Microsoft Visual Studio, Windows PowerShell, Cloud infrastructure.
* Configured Kafka heavy forwarder for Splunk in production environment.
* Migrating an on-premises virtual machine to Azure Resource Manager (ARM) Subscription with Azure Site Recovery and ensured high availability production systems in a Public/Private Cloud environment.
* Maintained high-quality deployments by collaborating with the development & QA teams and security patching on the Azure IAAS VMs through the patching tools.
* Well exposed to Azure services like Azure Storage (storage accounts, blob storage, managed and unmanaged storages, Compute (Web Roles, Worker Roles), Azure Websites, Caching, SQL Azure, NoSQL, Network services, AAD (Azure Active Directory), API Management, Scheduling, Auto Scaling, and PowerShell Automation.
* AWS EC2 and Cloud watch services, CI/CD pipeline management through Jenkins automation of manual tasks using Shell scripting.
* Written cookbooks for WebLogic, JDK 1.7, Jenkins, tomcat, JBOSS and deployment automation.
* Provisioned the highly available EC2 Instances using Terraform and cloud formation and wrote new python scripts to support new functionality in Terraform.
* Integrated existing APIs to Azure API management to get all the attributes like security, usage plans, throttling, analytics, monitoring and alerts.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, CHEF, and custom Ruby/Bash scripts
* Used Puppet and Chef for Configuration Management tool.
* Used different services of Amazon Web Services including Simple Scalable Storage (S3), Route53, SQS, SNS, API Gateway, SDK, AMI, Redshift, EMR, Kinesis, AWS CLI, Elastic cache, Virtual Private Cloud (VPC), Cloud Front (CDN) and Identity Access Management (IAM).
* Deployed architecture for Azure Service fabric, Azure container service and multiple versions of Java with IBM WebSphere on Azure cloud platform.
* Hands-on experience in standing up and administrating on-premise Kafka platform.
* Configured Azure Traffic Manager to build routing for user traffic Infrastructure and carried out HA deployment models with Azure Classic and Azure Resource Manager.
* Designed system for the Azure platform to ensure massive compute resources are available to allow auto scale internationally.
* Develop tools to automate the deployment, administration, and monitoring of a large-scale AWS Linux environment.
* Developed an Azure based high performance compute environment to support the massive computational requirements of client congressional redistricting Azure application.
* Create Cache Memory on Windows Azure to improve the performance of data transfer between SQL Azure and Windows Communication Foundation (WCF) services.
* Built a prototype Azure application that accesses 3rd party data services via Web Services. The solution dynamically scales, automatically adding/removing cloud-based compute, storage and network resources based upon changing workloads.
* Worked with AWS services using S3, RDS, EBS, Elastic Load Balancer & Auto-scaling groups, EC2 instances with optimized volumes and achieved cloud automation and deployments using Ansible, Python and AWS Cloud Formation Templates.
* Worked with AWS CLI & AWS API to manage resources on AWS for many services such as an EC2, S3, VPC, Cloud Watch, ELB, Auto-scaling and created python scripts using AWS API Calls to manage all resources deployed on AWS.
* Planned, deployed, monitored, and maintained Amazon AWS cloud infrastructure consisting of multiple EC2 nodes and VM's as required in the environment.
* Configured RDS instances and map more complex dependencies and identify network issues using Cloud Formations (CFT) and Terraform.
* Expertise in setting up databases in AWS using RDS storage using S3 bucket and configuring instance backups to S3 bucket and used AWS Security/ Identity/ Access management.
* Using Kubernetes to provide a platform for automating deployment, scaling, and operations of application containers across cluster of hosts.
* Creating clusters using Kubernetes and worked on creating pods, replication controllers, deployments, labels, health checks and ingress by writing YAML files.
* Used Jenkins and Azure pipelines to drive all micro-services builds out to the Docker-registry and then deployed to Kubernetes, created Pods and managed using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers and used Kubernetes dashboard to monitor.
* Installed and Implemented Ansible automation/configuration management system for auto-provisioning, code deployments, software installation and configuration updates.
* Used Ansible to manage web applications, environment configuration files, users, mount points and packages.
* Created inventory using Ansible for automating the continuous deployment and wrote playbooks using YAML scripting. TOMCAT servers and maintaining application deployments using Ansible scripts & Elastic Beanstalk.
* Extensively worked on Jenkins for continuous integration and for the end-to-end automation for all build and deployments including setting up pipeline jobs and upstream/downstream job configurations in Jenkins.
* Used Azure Monitor to maximize the availability and performance of applications & services. Collecting, analyzing and addressing data available from Log Analytics for troubleshooting and deep diagnostics.
* Implemented operational efficiencies using scripting tools like Python & PowerShell, and developed automation solutions using PowerShell scripting for day-to-day operational tasks.

**Environment: Azure, AWS, Docker, Kubernetes, Ansible, Azure Pipelines, Jenkins, Python, YAML, Power Shell Scripting, CHMS Office 365, XML, Windows Server, ELK, Azure Monitor, Scale Arc, Vagrant.**

## Build / Release Engineer April 2018 – Dec 2018

### Avis Rental, Morris Plains, NJ

### **Roles and Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Supported and developed tools for Integration, Automated Testing and Release Management for Java applications into different environments like DEV, QA, UAT & PROD.
* Worked on deployment procedures using middleware like Apache TOMCAT, creating deploy scripts and setting for the production release.
* Configured JBOSS, including JMS, JDBC and Security. Deployed the J2EE products in JBOSS Application server.
* Learning the existing build and release process and automated the process using Shell scripts for periodical task like take automatic backups.
* Implemented Infrastructure automation through CHEF, ANSIBLE & PUPPET for auto provisioning, code deployments, software installation and configuration update.
* Managed the entire release communication and release co-ordination during the Project roll- out while working with other technical team members to resolve all release related issues.
* Coordinate/assist developers with establishing and applying appropriate Branching, Labeling/Naming
* Conventions using GIT source control.
* Designed, developed, maintained Application using C#, WCF, ASP.NET 4.0, MVC 4.0, JavaScript, jQuery, Angular JS, HTML 5, CSS 3
* Integrated GITHUB into Jenkins to automate the code check-out process and Used Jenkins for Automating Builds and Automating Deployments.
* Maintained build related scripts developed in ANT, Python and Shell and modified build configuration files including Ant's build.xml
* Used Subversion as Source Code Repositories, Managed SVN repositories for branching, merging & tagging and resolve conflicts related to merging of source code for Subversion.
* Installing, configuring & administering Jenkins CI tool on Linux Machines for continuous integration and deployment into TOMCAT Application Server.
* Used Ansible to manage web applications, environment configuration files, users, mount points and packages.
* Developed, build and deployed Perl scripts using Ant & MAVEN as build tools in Jenkins to move from one environment to other environments.
* Responsible for monitoring and create Cron-jobs to remove dangling/dead/existed images in Docker containers to free up the space and get builds going.
* Configured JBOSS ON including inventory, Administration and Monitoring Modules for identifying and cataloguing Middleware assets and monitor status, memory and disk usage of JBOSS Applications.
* Monitored day to day system administrator's activities which includes performance monitoring, tuning, disk space issues, send mail issues, tools-related issues, FTP, telnet & application-oriented issues.
* Used testing tools like Selenium, Junit & cucumber.js for testing JSP & HTML GUI.
* Development and testing using bug tracking tool like Bugzilla to track bug fixes and code changes in projects like software development, application development and deployment.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution & worked on Nagios to monitor the systems.
* Responded to incoming requests, inquiries, troubleshooting and enhancement support for all JIRA.

## DevOps Engineer April 2008 – November 2013

### **Persistent Systems - India**

### **Roles and Responsibilities:**

* Designed, implemented & supported Cloud Infrastructure solutions with AWS & GCP cloud services.
* Executed Blue Green Deployments for rolling upgrades in production with the hardware vendors and application teams.
* Developed, captured & documented architectural best practices for creating systems on AWS with technical and non-technical teams across AWS.
* Drafted and executed Perl, Bash & Maven scripts in QA, Staging and Production environments. Modified build configuration files including POM.xml.
* Defined AWS Security Groups for virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
* Installed, configured and managed the RDBMS databases like MySQL, DB2, PostgreSQL, and NoSQL databases like MongoDB, DynamoDB.
* Implemented the migration steps and managing multiple applications from on-premise to cloud using AWS services like S3, EC2, SNS, SQS, ELB, VPC.
* Worked on the monitoring tools and visualization tools like Prometheus and Grafana and monitoring the Kubernetes pod metrics in regular intervals of time.
* Integrated GitHub web hooks into Jenkins to automate the code check-out process.
* Set up CI/CD pipelines for Microservices and integrated tools such as Maven, Bitbucket, SonarQube, Nexus, Docker, Slack for providing immediate feedback to DEV teams after code check-in.
* Managed IAM, creating user accounts, groups, groups, roles, custom policies and assigning to groups & users, which give accesses to the services and with MFA (multi-factor authentication).
* Managed all GCP (Google Cloud Platform) services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.
* Setup 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 GCP cache locations drastically improving user experience and latency.
* Created Gitlab-Runner and Jenkins pipelines (CI/CD) to deploy the Docker containers in AWS ECS.
* Automated deployment modules WebLogic, Confidential applications and configuration settings using a combination of PowerShell scripts and Ansible.
* Designed GKE Topology Diagram including masters, slave, RBAC, helm, Kubec’ll, and ingress controllers.
* Worked on Jenkins file with multiple stages like checkout a branch, building the application, testing, pushing the image into GCR, deploying to QA3, deploying to QA9, acceptance testing and finally deploying to production.
* Supported implementations of Kafka and RabbitMQ message servers running Linux and Windows server.
* Configured S3 versioning and lifecycle policies to backup and archive files in Glacier using IAM to create users, accounts, roles, and groups.
* Created projects, VPC's, Subnetwork's, GKE Clusters for environments QA3, QA9 and prod using CHEF.
* Virtualized servers for Test and development environments and configuring automation using Docker containers.
* Managed, secured, and maintained multiple Kubernetes clusters to support a global service and provided a platform for automating deployment, scaling, and operations of application containers across cluster of hosts.
* Utilized Puppet for configuration management of hosted Instances within AWS.
* Performed service migrations like lift & push on On-Perm and Azure servers and Prepared on CI/CD pipeline for Google Cloud Services using CHEF.
* Supported applications for installation and configuration for WebLogic, WebSphere and Databases like Oracle, Sybase and DB2.
* Developed Scripts for AWS Orchestration and designed new back-end services, maintaining and expanding our AWS infrastructure and providing mentorship to other team members.
* Implemented Docker containers to create images of the applications and dynamically provision slaves as a part of Master-Slave configurations to Jenkins CI/CD pipelines.
* Setting up a CI/CD automation environment for the application team and guide them through the build and release automation process.
* Designed GIT branching strategies, merging per the needs of release frequency by implementing GIT flow workflow on the Atlassian Bit bucket.
* Developed Dialog flow chat bot using Dialog flow libraries and configured the Dialog flow console to connect with the confidential project.
* Working with management tools like CHEF and responsible for managing the CHEF client nodes and upload the cookbooks to CHEF-server from workstation.
* Configured Confidential IAM console to work with Dialog flow and developed the reusable code for implementing the Dialog flow integration.
* Trained and added intents to Dialog flow to respond to the user queries in smarter way.
* Development of build artifacts on the source code, as well as SVN to GIT migration on JAVA projects using MAVEN & GRADLE as build tools.
* Written Cloud Formation Templates (CFT) in JSON & YAML format to build the AWS services with the paradigm of Infrastructure as a Code.
* Installed the Jenkins tool to integrate the JAVA project and kept Jenkins up to date with continuous integration and deployment.
* Administered and Engineered Jenkins for managing weekly Build, Test & Deploy chain with SVN / GIT / Code Commit between Dev/Test/Prod branching model for weekly releases.
* Applied logging solutions with Elastic search, Logstash & Kibana.

**Environment: AWS + GCP, Docker, Kubernetes, CHEF, Jenkins, GIT, SVN, YAML, Bash, JSON, Apache TOMCAT, Dialog flow, OpsWork, JAVA, Apache MAVEN, Gradle, Atlassian JIRA, Vagrant**, **Django framework.**