Bhavana   
PH: 9802770340 

**Email:** [**vbhavana766@gmail.com**](mailto:vbhavana766@gmail.com)

# Profile:

Over 7 Years of experience as **Cloud/DevOps/Linux engineer,** Where I worked on **automation/configuration** management, Involved in **Virtualization**, Managed **Cloud Computing (AWS/AZURE)** on various Linux/Unix platforms (**RHEL**, **CentOS**, **Ubuntu**, and **Solaris**) with aptitude for solving Operation’s challenges. Handled Data Center operations in multiple platforms to consistently achieve high availability and performance.

# Summary:

* Experienced in designing and deploying applications utilizing almost all the AWS stack (**Including EC2, Route53, S3, ELB, EBS, VPC, RDS, Dynamo DB, SNS, SQS, IAM, KMS, Lambda, Kinesis**) and focusing on high-availability, fault tolerance and auto-scaling in **AWS Cloud Formation**, deployment services (Ops Works and Cloud Formation) and security practices (IAM, Cloud Watch, Cloud Trail).
* **Certified Solutions Architect- associate** from **Amazon web services (AWS)** with extensive experience on Configuration, Build and Release Engineering, DevOps Engineering, Software Development and Automation.
* Hands on experience in Automating, configuring and deploying instances on **AWS**, **Microsoft** **Azure** and **Openstack** cloud environments and Data centers.
* Experience with migration to Amazon web Services AWS from **Datacenter**.
* Streamlined installation of **OpenShift** on partner cloud infrastructure such as AWS and Azure.
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (**CI**/**CD**) to deploying either on **public or private cloud**.
* Hands on Building/Maintaining **Docker** container clusters managed by **Kubernetes** **Linux**, **Bash**, **GIT**, **Docker**, on **GCP**.
* Experience in cloud automation using, AWS **cloud Formation Templates, Ansible, Chef, Puppet and SaltStack**.
* Experience in managing applications in AWS cloud which includes services like **EC2, VPC, ELB, EBS, EFS, Volumes and Snapshots**.
* Experienced in infrastructure Integration between **private** and **public clouds**.
* Experience in integrating and implementing **BaaS**, **PaaS** and **IaaS** in the environment.
* Experienced on Cloud automation like AWS Cloud Formation Templates using **JSON** and **YAML** and experience in collaboration tools like **JIRA** and **Slack.**
* AWS and **OpenStack** to provision new machines for clients. **S3** Storage Services on AWS.
* Experience in setting up the **CI/CD pipeline** using **Jenkins, Maven, Nexus, GitHub, Puppet, Terraform and AWS.**
* Experience in working with databases like **MongoDB** and **Oracle** Databases.
* Experience in working on the **Identity Access Management** and IAM **Roles**.
* Expertise in global production Web Infrastructure Operations (**Clustering, Scalability, Failover, Load Balancing, DNS, Log Management, Replication** and **Monitoring Operations**).
* Experience in branching, tagging and maintaining the version across the environments using SCM tools like GIT, **GITHUB**, **Subversion** (SVN) and **TFS** on Linux and **windows** platforms.
* Experienced in **Azure** IaaS, Provisioning VM's, Virtual Hard disks, Virtual Networks, Deploying **Web Apps** and Creating **Web-Jobs**, Azure Windows server 2008/2012/R2, Microsoft SQL Server, Microsoft Visual Studio, Windows PowerShell, Cloud infrastructure.
* Experience in using Build Automation tools and Continuous Integration concepts by using tools like **Jenkins, Hudson, Splunk, Team city, Quick Build, Build forge, Maven, ANT, Gradle**.
* Extensive knowledge in **configuration Management** tools like Chef, Ansible and Puppet, Continuous Integration (CI) and Continuous Deployment (CD) practice with Jenkins.
* Hands-on experience in creating and managing the various development and build platforms, deployment strategies using **Vagrant**.
* Experienced with container based deployments using **Docker**, working with Docker images, **Docker Hub** and **Docker-registries** and **Kubernetes**.
* Experience on Deployment Automation & Containerization using **Docker** and **Kubernetes**.
* Demonstrated ability in Installation, configuration and management of provision tools **Chef**, **Puppet** and **Ansible**.
* Experience using Kubernetes to **orchestrate** the deployment, scaling and management of **Docker** Containers.
* Actively worked on Docker and deploying and maintaining **Micro services** in Dev and QA environment.
* Experience working with monitoring tools such as **Nagios, Splunk, ELK Stack (ElasticSearch, LogStash, Kibana).**
* Extensively used build utilities like **MAVEN, ANT** for building of jar, war and ear files.
* Expertise on **RedHat Linux, Solaris, SuSE Linux, AIX, CentOS, Fedora, OEL, Ubuntu, Debian, Windows environments,** and **VMware vSphere.**
* Familiar with all major PaaS platforms such as Google App Engine, **OpenShift**, **Cloudfoundry**, **CloudBees**, etc.
* Implemented cloud services IAAS, PAAS, and SaaS which include **Openstack**, Docker and **Openshift**.
* Experience in file systems like **NTFS, FAT, NFS,** and **CIFS.**
* Hands on **User** & **Group** **administration** management.
* Proficient in Network configuration with **SSH, SCP, SFTP connectivity. OSI, TCP/IP**.
* Proficient in Installation and configuration of web hosting administration such as **FTP, SSH, Telnet,** and **HTTP**.
* Performed integration of Code **Quality Analysis techniques** to Check style, find bugs with **CI** tools and maintained performance tuning of **VMware** servers and management of resources between Virtual Machines.
* Experience using **JBOSS**, **Web** **logic** and **WebSphere** Application servers.
* Experienced in deploying Micro Services to App Servers and Database Changes to **Oracle, db2, MS SQL** and **MYSQL databases.**
* Coordinated with Developers, Web Admins, Database Admins and LDAP Admins to determine the best values for tuning the systems to boost performance in the **Web Tier**, the **Application Tier** and the **Data Tier**.
* Extensive knowledge in all Phases of Software Development Life Cycle (SDLC) with methodologies such as **Waterfall, Agile/Scrum** methodologies, RUP and other best practices with specific focus on the build and release of quality software.
* Worked with different Bug Tracking Tools like **JIRA**, **ClearQuest** and **Remedy**.
* Experienced in monitoring the servers using tools like BMC and **Nagios** and providing 24x7 on call support rotation basis.

# Technical Skills:

**OPERATING SYSTEMS:** Red Hat Enterprise LINUX 5.0, Solaris 8/9/10, HP-UX 10.x/11.x, Windows Server 2003/2008, Windows XP/7/8/8.1, Oracle Enterprise Linux.

**VERSION CONTROL TOOLS:** Git, SVN, GITHUB, BITBUCKET, GITLAB.

**BUILD TOOLS:** Ant, Maven, Gradle, MSBuild.

**CI/CD TOOLS:** Jenkins, Atlassian Bamboo, Build Forge.

**CLOUD** **COMPUTING:** Aws, Azure, OpenStack.

**CONFIGURATION MANAGEMENT TOOLS:** Chef, Puppet, Ansible.

**SCRIPTING LANGUAGES:** PowerShell, Bash, Perl, Python, and JSON.

**LANGUAGES:** Java/J2ee, Groovy, C, C++, PHP.

**APPLICATION/WEB** **SERVERS:** Apache, WebSphere, Tomcat, Weblogic, JBOSS, Nginx, IIS.

**MONITORING** **TOOLS:** AppDynamics, Nagios, Splunk, Prometheus.

**DATABASES:** MySQL, Mongo DB, Cassandra, SQL Server, Oracle, Dynamo DB.

**BUG** **REPORTING** **TOOLS:** Jira, Remedy, Bugzilla.

**VIRTUALIZATION:** VMware, oracle VM server.

# Experience:

## Sr.DevOps Cloud Engineer

## Capital One **,** McLane, VA Oct 2017- Present

**Responsibilities:**

* Worked with performance issues in the infrastructure both in **private** and **public** cloud environments.
* Involved in designing and deploying multitude applications utilizing almost all the AWS stack (Including **EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM**) focusing on **high-availability**, **fault** **tolerance**, and **auto-scaling** in AWS **Cloud Formation**.
* Creating and maintaining **EC2 Instances, Auto scaling groups, IAM user roles, policies, EC2 Container Service (ECS)** and **Elastic Load Balancers**.
* Responsible in managing **IAM**, create user accounts, creating groups, adding user to the groups, generating custom policies, assigning to groups and user, creating new roles which give accesses to the services and also assisting in enabling **MFA (multi factor authentication)** etc.
* Deployed **AWS Elastic beanstalk** applications developed with **Java, PHP, Node.js, Python, Ruby** and **Docker** on **Apache** and **IIS**.
* Established Queuing mechanism using AWS **SQS** with **SNS**.
* Built **Jenkins** jobs to create **AWS** infrastructure from **GitHub** repos containing terraform code.
* Managed Elastic Cloud Computing (EC2) instances utilizing auto scaling, Elastic Load Balancing, and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Ansible.
* Configured **Inbound**/**Outbound** in AWS Security groups according to the requirements.
* Configured local **ANT** and **Maven** repositories with **Nexus** repositories and scheduled projects in **Jenkins** for continuous integration.
* Configured the **Ansible** playbooks with Ansible Tower and wrote playbooks using **YAML**.
* Maintain a Live Like environment using **Docker** **Containers** to test any production issues on the setup and push it into production and created custom Docker container images, tagging and pushing the images.
* Worked on deployment automation of all the **microservices** to pull image from the private docker registry and deploy to **docker** swarm cluster using **Ansible**.
* Implemented **GIT**, **GITHUB** for version control of **Ansible** modules and process documentation.
* Worked on Patch Management for different clients like creating consolidated **Patch report**.
* Responsible for developing and planning the implementation of technical downtime and recovery processes and the technical setup of downtime systems in a close partnership with the Technical Architect/Lead, Cache DBAs.
* Managed **Ubuntu**, **Linux** and Windows virtual servers on **AWS** **EC2** using Open-Source **Ansible** Server. Configured **Red Hat** Cluster Nodes for any legacy applications and verified the daily health check on the Cluster Nodes.
* Wrote **Pom.xml** for **Maven** application builds automation.
* Experience integrating JUnit, Find Bugs, Check style code analysis and testing during the build.
* Used **Shell and Perl** scripting to deploy artifacts that are built by Maven.
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Managed all the **microservices** infrastructure with **Openshift**.
* Used **Jenkins** pipelines to drive all **microservices** builds out to the **Docker** registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
* Planning, deploying, monitoring, and maintaining AWS cloud infrastructure consisting of multiple **EC2nodes** and **VMware** as required in the environment.
* Integrating application logs with **Splunk** and wrote several custom Splunk queries for monitoring and alerting.
* Configured Apache Webserver in the Linux **Azure** cloud environment using **PUPPET** automation
* Created test branches from master branch of each repositories on **GIT** to perform testing of Gradle upgrade to LSR and then assisted DEV teams to do the same successfully.
* Pipelined Application Logs from App Servers to ElasticSearch (**ELK** **Stack**) through LogStash.
* Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on **Nagios** Event handlers in case of automatic restart of failed applications and services.
* Installed, monitored and configured Applications in **Nginx** and **Apache Tomcat** Server and establish connectivity to databases and troubleshoot issues on the fly.
* Created and implemented new **Nagios**, **Splunk** health checks to keep the monitoring up to date.
* Used bug-tracking tool like **Jira** to find, record, report, manage and track bugs.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes**, Docker and Utilized **Kubernetes** and **Docker** for the runtime environment of the **CI/CD** system to build, test and deploy.
* Managed **Kubernetes** charts and Created reproducible builds of the **Kubernetes** applications, managed Kubernetes manifest files and Managed releases of packages.
* Administer **Openshift** Enterprise v2 and v3 for cloud operational services.
* Worked on All **Jenkins** deployments with **Openshift** and testing the Builds after implementation using Postman test scripts.
* Involved in Changing the **AWS** infrastructure **Elastic Beanstalk** to **Docker** with **kubernetes**.
* Worked on creation of custom **Docker** **container** images, tagging and pushing the images.
* Worked on creating the **Docker** **containers** and **Docker** **consoles** for managing the application life cycle.
* Install and configure **DHCP**, web (**apache**), mail (**SMTP, IMAP, POP3**), and **file servers** on Linux servers.
* Managed and related to user accounts, security, **Access Control Limits (ACL**), permissions, disk space and process monitoring in **RedHat Linux**.
* Streamlined installation of **Openshift** on partner cloud infrastructure such as **AWS** and **Azure**.
* Worked with **OpenShift** platform in managing **Docker** containers and **Kubernetes** Clusters.
* Established connection from **Azure** to On-premise datacenter using Azure **ExpressRoute** for Single and Multi-subscription connectivity.
* Deployed **Azure** **IaaS virtual machines** and **Cloud services** (PaaS role instances) into secure **VNets** and **subnets**.
* Leveraged "**Azure Automation**" and **PowerShel**l and **Ansible** to automate processes in the **Azure Cloud**.
* Implemented cloud services **IAAS, PAAS**, and **SaaS** which include **Docker** and **Openshift**
* Installed **Hyper-V** infrastructure and integrate with **VMware** **vRealize** Automation suite to automate workload provisioning.
* Provided **24 X 7** on-call support for production issues.

***Environment:*** *Ansible, Terraform, GIT, Jenkins, Jira, Docker, J2EE, Ant, Maven, XML, AWS, Azure, WebLogic, Cassandra, ElasticSearch, Linux, Nagios, Splunk, VMware, Apache, PowerShell, SQL, Cloud, MongoDB, Openshift, kubernetes.*

## DevOps Engineer

## Well Care, Tampa, FL Jan 2016 – Sep 2017

**Responsibilities:**

* Configured local **Maven** repositories and multi-component **ANT** projects with **Nexus** repositories and scheduled projects in **Jenkins** for continuous integration.
* Closely worked with Developers and Testers in supporting new application feature and manage application using automated deployment tools.
* Integrated Build Process through **Jenkins** to various SCM tools like GitHub, SVN.
* Migrating existing **TFS instances** to the latest version of TFS at different clients.
* Analyzing the tool architecture and implement it on the applications, making it more user-friendly for the application team.
* Monitoring the Instances, launching them with the desired **(AMI)** Amazon Machine Image.
* Implemented **Chef** **Cookbooks** for OS component configuration to keep AWS server's template minimal.
* Automated the cloud deployments using chef, **python** (boto & fabric) and AWS **Cloud Formation Templates**.
* Worked with **Chef Enterprise** Hosted as well as On-Premise, Installed Workstation, **Bootstrapped Nodes**, Wrote Recipes and Cookbooks and uploaded them to Chef-server, Managed On-site OS/Applications/Services/Packages using Chef as well as **AWS for EC2/S3/Route53 & ELB** with **Chef Cookbooks**.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Chef, and custom **Ruby/Bash** scripts.
* Used **chef** as Configuration management tool, in automation of repetitive tasks, quickly deploy critical applications, and proactively manage change.
* Used **Chef** attributes, templates, recipes, files and managed On-site OS/Applications/Services/Packages using Chef.
* Worked on the source code to generate builds and create procedures for the deployment on the servers for the release.
* Worked on log management tools like **LogStash**, syslog, **ElasticSearch**.
* Managed and monitored the server and network infrastructure using **Nagios**.
* Deployed **Docker Engines** in Virtualized Platforms for containerization of multiple apps.
* Build **Java** code and .**NET** code on to different Jenkins servers as per the schedule.
* Worked on Deployment procedures using middleware like **WebSphere**, creating deploy scripts and setting for the Production Release.
* Used **Kubernetes** to orchestrate the deployment, scaling and management of **Docker** Containers.
* Developed **microservices** on boarding tools leveraging **Jenkins** allowing for easy creation and maintenance of build jobs and **Kubernetes** deploy and services.
* Supported the Application team by making them understand and analyze the automation implementation and other related issues.
* Developed **Ant** and **Maven** scripts to automate the compilation, deployment and testing of Web and J2EE applications.
* Installed Jenkins/Plugins for GIT repository, setup SCM polling for immediate build with **maven** and maven repository (**Nexus Artifact**) and deployed apps using custom **Ruby** modules through puppet as a CI/CD process.
* Managed Docker orchestration using **Docker Swarm**.
* Managed local deployments in **Kubernetes**, creating local cluster and deploying application containers.
* Administer the operations and support of **Openshift** Enterprise and **Docker** Cloud services.
* Utilized **JIRA** for all our projects in scrum methodology for creating stories and giving points to the stories, and updated stories as per our sprints.
* Managed **bit bucket** and Amazon Web Services like EC2 and assigned roles and policies via IAM through **AWS** Management Console.
* Performed the automation deployments using AWS by creating the IAM roles and policies and used the code pipeline plugin to integrate **Jenkins** with AWS and created the EC2 instances to provide the virtual servers.
* Used **Openshift** in automating the provisioning of commodify computing resources for cost and performance efficiency.
* Organized and coordinated Product Releases, work closely with product development, QA, Support to ensure successful releases.
* Involved in creation of reference Architecture and built Minimum Viable product (MVP) for containerization platform using **Docker** and **Kubernetes**.
* Involved in development of test environment on **Docker** containers and configuring the Docker containers using **Kubernetes**.
* Scheduled, deployed and managed container replicas onto a node cluster using **Kubernetes**.
* Assisted customers in implementing DevOps strategies using **Buildforge** as the automation Engine.
* Configured an **AWS Virtual Private Cloud (VPC)** and Database **Subnet** Group for isolation of resources within the Amazon **RDS** **Aurora** DB cluster.
* Created **Puppet** manifests, classes and modules to automate system operations.
* Configured **GIT** with **Jenkins** and schedule jobs using POLL SCM option.
* Responsible for installing Jenkins master and **slave** **nodes** and configure Jenkins builds for continuous integration and delivery.
* Using Jenkins AWS Code Deploy plugin to deploy and **Chef** for unattended bootstrapping in AWS.
* Involved in setting up builds using Chef as a configuration management tool and managed the configurations of more than 2000 servers.
* Implemented a Continuous Delivery pipeline with **GitHub**, Jenkins, Docker and AWS AMI’s
* Wrote **Python** scripts for pushing data from **DynamoDB** to MySQL Database.
* Resolved update, merge and password authentication issues in Bamboo and **JIRA**.
* Storage on AWS EBS, S3 and Glacier and automate sync data to Glacier, databases services on AWS like RDS, Dynamo DB, Elastic Transcoder, Cloud front, **Elastic Beanstalk**, and Migration of 2 instances from one region to another. Configuration of site- to- site VPN and open VPN using Linux EC2 instance.
* Automated the Applications and MySQL container deployment in Docker using **Python** and monitoring of these containers using **Nagios**.
* Involved working with a **PaaS** solution such as RedHat **Openshift**.

***Environment:*** *Jenkins, Apache Tomcat, elastic search, Kubernetes, Chef, Shell Script, Blade Logic, PowerShell, Openshift, Unix/Linux, Mongo DB, Python, SOAP, REST, Python, NoSQL, JIRA, EJB, SVN, GIT, TFS, Apache ANT, ELK, MYSQL, Maven, AWS.*

## Build and Release Engineer

## L Brands, Columbus, Ohio July 2014 - Dec 2015

**Responsibilities:**

* Worked with **DevOps** and project management team to build and release software package.
* Responsible for configuration, maintenance, and troubleshooting.
* Used **Jenkins** for Software Configuration management, maintaining the versions of code and build pipeline.
* Setup various **Jenkins** jobs for build and test automation and created Branches, Labels and performed Merges in **GIT**.
* Developed **UNIX** and **Perl** Scripts for manual deployment of the code to the different environments and E-mail the team when the build is completed.
* Involved in the Installation and configuration of an automation tool **Puppet** that included the installation and configuration of the Puppet master, agent nodes and admin control workstation.
* Wrote some of the **puppet manifests** for deploying, configuring and managing collected for metric collection and monitoring.
* Created deployment request tickets in **Bugzilla** for the deploying the code to Production.
* Used **Perl/Shell** to automate build and deployment Process.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using **GIT** source control and resolved merging issues and re-integrating branches by conducting meetings with Development Team Leads.
* Coordinated with developers, Business Analyst, and Mangers to make sure that code is deployed in the Production environment.
* Remote system administration using tools like **SSH**, **Telnet**. Configuring and maintaining network services such as **LDAP, DNS, NIS, DHCP, NFS, Web, mail, FTP**.
* Creation and scheduling of **Cron** **Jobs** for Backup, System Monitoring, and removal of files.
* Participated in Querying **RDBMS** such as **Oracle, MYSQL and SQL** Server by using SQL for data integrity.
* Monitoring system performance and resource utilization and provide ongoing trend **analysis** for forecasting future resource requirements and **kernel** **tuning** to enhance the system performance.
* Developed automated processes that run daily to check disk usage and perform cleanup of file systems on **UNIX** environments using shell scripting.
* Facilitating/troubleshooting the automation processes, server consolidation and provisioning of different operating systems using **VMware** **vSphere/vCenter**.
* Worked with the team for creating **TFS** code branching, merging and versioning with Ms build. (TFS 2012).
* Administer and support **Team Foundation Server**, Managed security and configuration for TFS projects.
* Edited and Modified **POM**.**xml** for a few applications that used **Maven**.
* Worked with integrating **JUnit**, Find Bugs, Check style code analysis and testing during the build.
* Used **Shell and Perl** scripting to deploy artifacts that are built by Maven.
* Managed and performed the environment related configuration changes as a part of deployment.
* Deployed the archives to **Tomcat** Application Servers.
* Integrated **GIT** into **Jenkins** to automate the code checkout process.
* Performed re-starts and **xml config** and post deploy setups and brought application up for testing.

***Environment:*** *Oracle, MySQL, RDBMS, FTP, NFS, NIS, DNS, LDAP, Jenkins, Perl, python, Puppet, Ubuntu, Centos, ANT, Shell Script, Bugzilla, Maven, XML, TFS, Apache Tomcat, VMware ESX Servers, Web Servers, Windows, Unix.*

## Build and release Engineer

## Bayer Healthcare, Pittsburg, Pennsylvania Apr 2013- June 2014

**Responsibilities:**

* Maintained and Administered **GITHUB** Source Code Tool.
* Updated Release reports from change management control.
* Created Branches, Labels and performed Merges in **Stash** and **GITHUB**.
* Developed Processes, Tools, Automation for **Hudson** based Software for Build system and delivering SW Builds.
* Managed Build results in **Hudson** and Deployed using workflows.
* Developed, maintained, and distributed release notes for each scheduled release.
* Built and deployed java source code into application servers in an **agile** continuous integration environment.
* Documented all post-deployment issues in a log and assist in resolving these issues where applicable, maintaining timely updates within the log. Manual and Automation process of creating branches tags and code merging.
* Developed automated processes that run daily to check disk usage and perform cleanup of file systems on LINUX environments using **shell**, **Bash** scripting, **Python**.
* Involved in Installing **Hudson** on a **Linux** machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Executed user administration and maintenance tasks including creating users and groups, reports, and queries.
* Created Release Plan, definition, collection, analysis, and presentation of release project metrics.
* Modeled the structure for Multi-tiered applications orchestrate the processes to deploy each tier.
* Developed build and Deployment Scripts using **ANT** and **MAVEN** as build tools in Jenkins to move from one environment to other environments.
* Proposed and implemented branching strategy suitable for **agile** development in Subversion.
* Created Branches, and performed Merges in Source Tree & Stash.
* Installed and Configured Jenkins for Automating Builds, Deployments and providing an automation solution.
* Integrated **GITHUB** into Jenkins to automate the code check-out process.
* Very strong Project Management experience performing **ITIL RM /SCM** activities.

***Environment****: Jenkins, GIT, GITHUB, ANT, MAVEN, JIRA, Python, BASH & KORN Shell, JAVA/J2EE, WebSphere, Hudson, Linux.*

## Java Developer

## Union Bank, California Aug 2012 - Mar 2013

**Responsibilities:**

* **GUI** development using **HTML**, **XML**, **JSP**, **Servlets**, **JavaScript** with the help of **MVC** Architecture.
* Worked extensively on the JSPs using MVC architecture.
* Front-end validations in JavaScript and Server validations for **Database** consistency.
* Utilized Servlets to handle various requests from the client browser and send responses.
* Created Cascading Style Sheets (**CSS**) to give a better view to the Web Pages.
* Used Hibernate module as an Object Relational mapping tool for back end operations over **SQL** database.
* Involved in requirement analysis and participated in the design of the application using **UML** and OO Analysis Design and Development.
* Implemented MVC web frameworks for the web applications using JSP/Servlet/Tag **libraries** that were designed using JSP.
* Used **SQL**, **PL**/**SQL** and Stored Procedures for **Oracle** back-end database.
* Involved in developing a branded portal using the administration tool on **web Sphere** Application server.
* Used JDBC to configure files to access the database.
* Developed and tested Java Server Pages (**JSP**).
* Developed reusable **AJAX** components for web-tier, customized JSP tags for project and reusable **DHTML** components for enhanced user interaction.
* Monitored/Improved the performance and behavior of web applications.
* Developed **JUnit** test cases for unit testing.
* Configured **iBATIS2.0** for data access layer with Spring.
* Involved in peer-to-peer code reviews. Involved in usability and accessibility design issues of the system.
* Designed and developed Web pages using JSP, HTML, **JavaScript**, and JSF.
* Created extensive SQL queries to analyze data flows across multiple databases.

**Environment:** Java 6**,**JSP, Servlet, Oracle10g, WebSphere, JDBC, JSF, UML, CVS, AJAX, HTML, DHTML, Junit, Spring Framework, JavaScript.