**Sai Shravan Kamatham**

DevOps/AWS Engineer

**PROFESSIONAL SUMMARY:**

* Overall 7+ years’ experience in IT industry as a DevOps Engineer/Build and Release Engineer/ Unix Administrator with strong knowledge in all phases of Software Development Life Cycle (SDLC) and Plan-Do-Check-Act information life cycle. Handled Migration and DR site (Disaster Recovery) projects and resolved critical issues in a timely manner.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum, and Waterfall methodologies.
* Proficient with AWS components such as Cloud platform and its components EC2, S3, Elastic IPs, EC2 Container service, EBS, Lambda, Security Groups, Route 53, VPC, Kinesis, Auto Scaling, FarGate, Elastic Cache, RedShift, SWF, SNS, IAM, CDN, Cloud Formation, Cloud Trail and Cloud Watch.
* Write new .NET programs and/or SQL Scripts to automate complex problems associated with running production environments at massive  scale in multi-tenant environments.
* Extensive experience in the design and implementation of Continuous Integration, Continuous Delivery, Continuous Deployment and DevOps processes for Agile projects. Experience working with the VMware ESXi 6.5 environment.
* Proficient in tracking complex Build problems, Release issues and environment issues in a multi- component environment.
* Experience on Change, Configuration, Build and Release Management, and Administration of applications in database, client/server and Web/Internet environments under Unix/NT/2000 platforms.
* Extensive experience in using Build Automation tools like ANT, Maven. Good knowledge in managing Nexus and Artifactory repositories for Maven artifacts and dependencies.
* Experience in Administration and Maintenance of source control management systems such as GIT, GITHUB, Bit Bucket, Sub Version (SVN), VSTS, TFS.
* Production experience in large environments using configuration management tools like Puppet, Chef and Ansible.
* Strong experience on DevOps concepts like Build Automation, Continuous Integration (CI), Continuous Deployment (CD), Infrastructure as code technologies, Cloud computing.
* Primary duties include Build and Deployment of the Java applications onto different environments like Dev, QA, UAT and Production. Analyze and resolve compilation and deployment errors related to code development, branching, merging and building of source code.
* Experience with various AWS services like EC2, S3, ELB, Glacier, VPC, RDS and Cloud Watch, FarGate, Elastics IP, Security Groups and Cloud formation.
* Worked on Jenkins CI/CD pipeline jobs for end-to-end Automation to build, test and deliver artifacts and Troubleshoot the build issue during the Jenkins build process.
* Worked with Jenkins under the CI/CD pipeline providing continuous improvement to Agile software development teams. Configured Jenkins and integrated it with Chef to schedule jobs on all the bootstrapped nodes.
* Experienced in AWS Beanstalk for app deployments and worked on AWS Lambda with Amazon kinesis.
* Worked on AWS Cloud Formation Templates (CFT) to create custom-sized VPC, Subnets, EC2 instances, ARM Templates, ELB and Security groups.
* Experienced in successful delivering of secure AWS Cloud solutions and shifting on-premises applications on AWS.
* Experienced in designing AWS Cloud models for Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), and Software-as-a-Service (SaaS).
* Technical point of contact for product teams as it relates to automation, CI/CD, and DevOps and/or DevSecOps.
* Aptitude in utilizing GIT, GitHub furthermore to have organization learning to bolster employee and GitHub clients.
* Configured and maintained Jenkins to implement Continuous Integration process.
* Application Deployment and environment configuration using Chef, Puppet and Ansible.
* Proficient in apache subversion (SVN) and CVS tools.
* Hands on experience in automating build process with tools Ant, Maven, Gradle using Python and Shell scripting languages.
* Having hands-on experience on PAAS, and TAAS environment setups in RHEL7. Development.
* Configure Docker containers and creating Docker files for different environments.
* Experience in installing, upgrading, patching, configuring, administrating and maintaining various Linux flavors like RHEL, Suse, CentOS, Debian, Ubuntu and Unix flavors like sun Solaris and windows servers.
* Experience in Performance monitoring, Security, Troubleshooting, Backup, Disaster Recovery, Maintenance and Support of Unix systems.
* Supply Chain Management Implementation using Oracle Cloud Fusion: Solution Design, Configuration, Implementation and Go Live Support. Used RDS, MySQL and Dynamo DB to perform database administration.
* Expertise in Automation tools like Git, Ant, Maven, and Jenkins, Chef, Puppet, PowerShell, Ansible, Nagios, and Docker.
* Managing ongoing updates and configuration changes to AWS environments using deployment. Automation tools such as Jenkins alongside chef and terraform.
* Expertise in working in GCP Kubernetes and docker orchestration environment. Working closely with the development team and testing team in optimizing AWS EC2 instances size and Docker containers.
* Proficient in Maintaining Enterprise Nexus code repository and SonarQube Code Quality management, regularly monitoring the quality gate of Enterprise application using SonarQube.
* 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 with Linux Administration, Application Build and Release Management, Cloud Infrastructure management, Software Configuration Management.
* Expert in Implementing a production ready, highly available, fault tolerant snetes infrastructure. Working on Scheduling, deploying and managing container replicas on a node cluster using Kubernetes.
* 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.
* Expertise on DNS, NIS, NFS, FTP, DHCP, troubleshooting network problems such as Sub netting, routing, firewall related to TCP/IP protocol issues. Worked with various Ticketing tools which include Bugzilla, Jira, Junit, GE Service Now.
* Managed and configured VMware virtual machine for RHEL, oracle/ sun Solaris, oracle Linux server.
* Extensive experience in working with various teams such as QA, Engineers and other teams to ensure automated test efforts are strongly integrated with the build system.
* Extensive working knowledge on Automation for deployment/configuration of different applications.
* Application servers like Web Sphere, WebLogic, JBoss. Web Servers like and Apache, Tomcat and Web Containers like Nginx etc.
* Experience on different kinds of application servers and web tiers including Apache tomcat, JBoss, IBM WebSphere.
* 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 Elastic Search.
* Experience with Monitoring and log analytics tools (similar to Elastic Search, Logstash, Kibana, Grafana, Nagios, Splunk).
* Worked on setting up the Atlassian stack product "Confluence" in Data Center.
* Integrated JIRA with Jenkins using the webhook functionality and GitHub smart commits.
* Automated the cloud deployments using chef, python and AWS Cloud Formation Templates and ARM Templates.
* Dockerized applications by creating Docker images from Docker file.
* Experience in LINUX and using SHELL, PERL, PYTHON scripting to automate processes.

**TECHNICAL SKILLS**:

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| **Web technologies** | HTML, JAVA Script, CSS, XML |
| **Languages/Scripting** | Python**,** SHELL, Bash, Ruby, C++, JAVA, C#, .NET. |
| **Tools** | Maven, Jenkins, Splunk, Nagios, ANT, MS Build |
| **Databases** | Oracle, Pl/SQL, DB2 Connect,  MySQL, MongoDB, SQL Server, MS SQL, NoSQL |
| **Cloud platforms** | EC2, S3, GCP, EBS, ELB, VPC, IAM, Cloud Formation, RDS, CloudTrail, Route53, CloudWatch, SNS, SMS, SQS, EFS, FarGate, Microsoft Azure, ARM Templates. |
| **Configuration Management Tools** | Puppet, Chef, Salt, Vagrant, Docker, Ansible, Kubernetes, OpenShift, Containerization |
| **Application Servers** | WebSphere, Web Logic, Apache Tomcat |
| **Platforms** | UNIX/LINUX, , Solaris, Windows 10 / Server 2016 |
| **Environment** | Cloud Formation, Docker, Jira, AWS CLI, AWS Auto Scaling, chef, Puppet, Unix/Linux, Python, Ruby, SHELL scripting, Git**.** |

**PROFESSIONAL EXPERIENCE:**

**Bank of New York Mellon – New York City, NY. March 2018 to Till date**

**Role: AWS DevOps Engineer**

**Responsibilities:**

* Involved in designing and deploying multitude applications utilizing most of the AWS stack (Including EC2, Route53, S3, RDS, FarGate, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
* Worked on configuring Amazon EC2, Amazon S3, Amazon ECS FarGate, Amazon Elastic Load Balancing IAM and Security Groups in Public and Private Subnets in VPC and other services in the AWS.
* Troubleshoot and provide coding solution for architectural or coding defects in .NET applications such as Lead Manager, Rest and Soap Web API Services, and DialIQ.
* Proficient in writing AWS Cloud Formation templates to create custom sized VPC, subnets, NAT, EC2 instances, ARM Templates, ELB's and Security groups. Troubleshooting application Build issues. Troubleshooting issues related to Jenkins.
* Scan software for vulnerabilities analysis using Micro Focus Web Inspect and Micro Focus Fortify Static Code Analyzer (SCA).
* Implemented and supported CI process via Jenkins. Created Build Jobs and Deployments in Jenkins.
* Code scanning using Para soft suite and evaluation of Check Marx.
* Assisted with the annual Payment Card Industry (PCI) commercial solutions assessments, as well as other compliance driven requirements (e.g., privacy impact analysis).
* Supported clients in evaluating alignment with PCI DSS Self-Assessment Questionnaires (SAQs).
* Conducted ongoing privacy risk assessment plan and new/corrective measures to ensure compliance with privacy laws and regulations such as GDPR.
* OWASP TOP TEN Vulnerabilities Assessment. Online application testing, Assessment and Reporting.
* Got good exposure to work with Checkmarx tool to find the code violations and vulnerabilities. Worked on the same and fixed the Checkmarx issues. Creating and Maintaining Jira dashboard. Creating, maintaining and monitoring Jira Build requests.
* 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 AWS FarGate, 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.
* Worked on Docker, OpenShift to manage microservices for development and point team player on OpenShift for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside.
* Created pods and services using Master and Minion architecture of Kubernetes and developed microservice onboarding tools, leveraging Python allowing for creation and maintenance build jobs and Kubernetes deploy services.
* Coordinate with Engineering Teams on environment needs, build out monitoring platform and continuously improve capabilities for PAAS Cloud Foundry. Manage and operate the Big Data environment AWS EMR and Redshift clusters.
* Extensively used Kubernetes charts using Helm and created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and managed releases of Helm packages.
* Design and implement AWS/Cloud based DevSecOps processes and tools like (Security Monkey, Uptime Robot etc).
* Good understanding with the ELK (Elasticsearch, Logstash, Kibana) stack using Ansible and Used Ansible.
* Playbooks to Manage Configurations of AWS Nodes and test Playbooks on AWS instances using Python script.
* Used Servlets and JSP's in developing the web application on Apache Tomcat 7.
* Configured VMware instances for PROD ELK stack with shared mount for elastic search index.
* Developed chef cookbooks to install ELK stack on open stack servers bootstrapped to Chef.
* Extensively working with Cloud -based database environments preferably AWS Cloud.
* Assisted in management and database administration of Oracle database applications on Exadata (X4, X5, X6, X7) platforms.
* Responsible for installing and administrating the SonarQube for code quality check and Nexus repository and generating reports for different projects. Also, integrated them with Jenkins.
* Architect and implement AWS Elastic Map Reduce (Hadoop clusters) EMR for Big Data Automation and Analytics\Representation (Tableau). Developed microservices in Scala with Apache Kafka to stream data across multiple systems.
* Setup Alerting and monitoring using Stack driver in GCP.
* Used Nagios as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes.
* Configured connection pools, data sources for JDBC connection on Tomcat and Jboss and WebLogic with SQL and Oracle DB server.
* Preparing the builds scripts by using the Ant/Maven Build tool for application builds. Managing Build artifacts in JFrog Artifactory repository. Onboarding, maintaining and monitoring Udeploy Build and Deploy issues.
* Installing and Configured SOA Suite, WebLogic 10.3.x.x Servers, WebLogic Portal Servers, Oracle Service Bus Domains and Clusters.
* Worked on Jenkins CI/CD pipeline jobs for end-to-end Automation to build, test and deliver artifacts and Troubleshoot the build issue during the Jenkins build process.
* Worked with Jenkins under the CI/CD pipeline providing continuous improvement to Agile software development teams. Configured Jenkins and integrated it with Chef to schedule jobs on all the bootstrapped nodes.
* Worked with different migration services like AWS Server Migration Service (SMS ) to is managed by Amazon Elastic Container Service for Kubernetes (EKS).
* Experience in deploying the applications using Docker container services DevOps Tools: Docker, Kubernetes, Amazon Web Services(EC2,EBS,EKS), Jenkins.
* Configured POM file to manage Maven plugins such as Maven build plugins and Maven Reporting plugins and resolve Maven dependencies required for the project.
* 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 setup 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.
* Create complex JIRA workflows including project workflows, field configurations, screen schemes, permission schemes and notification schemes in JIRA.

**Environment:** RHEL 7/6, CentOS 7/6, Ubuntu 17.04/16.10, Windows 2012/2008, Glusterfs, Ruby, Bash, Shell, python, node.js, IMAP, SMTP, Apache Tomcat, MySQL, PostgreSQL, Visio, Git, GitHub, Jenkins, AWS, Maven, Chef, Docker, DNS, LDAP, AD, VMware 6.5, Nagios, Round cube, Kafka, Zen load balancer, Pfsense.  
  
**UBS – Jersey City, NJ.**  **Sep 2016 to Feb 2018**

**Role: DevOps / AWS Engineer**

**Responsibilities:**

* Used EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts. Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Write new .NET programs and/or SQL Scripts to automate complex  problems associated with running production environments at massive  scale in multi-tenant environments.
* Responsible for orchestrating CI/CD processes by responding to Git triggers, human input, and dependency chains and environment setup. Created Cloud Formation ARM templates and deployed AWS resources using it.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance for snapshots and creating clone’s instances.
* Worked on m3. Extra-large instance type for Active Directory and Remote Desktop Gateway instances, and the high-configured instance type for network address translation (NAT) instances. Create configure AWS VMs and VPCs.
* Microsoft Windows 10 Enterprise, Red Hat Enterprise Linux 7, Windows Server 2016, AWS IaaS, AWS PaaS, Azure IaaS, Azure PaaS.
* Deployed the following Azure services to enable IT Security and IT Operations to move applications into the Azure cloud environment by allowing for monitoring and alerting: Azure Operations Management Suite (OMS), Service Map.
* Production support for Oracle running on UNIX.  Creating, maintaining and monitoring Build jobs in Jenkins.
* Integrated Build Process through Jenkins to various SCM tools like GitHub, SVN.
* Worked on Agile methodology and used JIRA for issue tracking.
* Written Chef Cookbooks, recipes and deployed Python, Shell scripts to automate tasks.
* Proficient in Informatica Cloud technologies AWS, PowerCenter Cloud, Apache Hadoop, Cloudera, Hortonworks HDP, Azure and ETL related DWH Technologies.
* Created automated Stackdriver monitoring alerts using Terraform on GCP(Google cloud platform).
* Responsible for migrating from Stackato platform to OpenShift containerized platform and DAT in for their maintenance, troubleshooting, disk management, their availability and different applications running on them.
* Manual penetration testing of the web applications and APIs to identify the OWASP TOP TEN vulnerabilities and SANS 25.
* Evaluated compliance / gaps / remediation assessments against the Payment Card Industry Data Security Standard (PCI DSS).
* Deployed J2EE applications to Application servers in an Agile continuous integration environment and automated the entire process. Created Continuous Build Process using Hudson/Jenkins as Continuous integration tool.
* Creating, maintaining and monitoring Build configuration in Anthill Pro. Setting up continuous integration for Anthill Pro Build configuration. Troubleshooting Build issues related to Anthill Pro.
* Coached the salesforce on overcoming prospect resistance specific to data protection/GDPR compliance.
* Technical point of contact for product teams as it relates to automation, CI/CD, and DevOps and/or DevSecOps.
* Configured an AWS Virtual Private Cloud (VPC) and Data Base subnet group for isolation of resources within AWS RDS.
* Design, build, configure and test highly available environments with multiple applications, utilizing almost all of AWS stack including (EC2, ECS, ELB, R53, S3, SQS, IAM) focusing on high availability, fault tolerance and auto scaling.
* Work with customers to understand business needs, project goals, and help define requirements.
* Modification of Cloud formation templates and performance and availability monitoring.
* Work closely with operations and development personnel to provision, support and troubleshoot AWS infrastructure.
* Select appropriate AWS services to design and deploy an application based on the business requirements.
* Creating IAM policies for delegated administration within AWS. Hands on experience providing enterprise support to Linux and CentOS servers. Performed installation of Red Hat Enterprise Linux 6 on Dell servers.
* Responsible for building components to connect to other micro-services using Kafka streams.
* Knowledge of shell scripting in running system jobs. Experienced in a Network operations center supporting system users.
* Documentation and Tracking of issues, logs and audit files. Update server baseline document in line with changes on servers.
* Installed and implemented new patches to Linux operating system. Installation, configuration and daily Support of Apache Web server. Experience in network configurations to include knowledge of switches, hubs and firewalls.
* Policy management and applying Network File Systems for sharing resources across the network.
* System Performance Monitoring and capacity planning in anticipation of resource usage and needs.
* Installation and configuration of VERITAS NetBackup master, media and client servers.
* Controlling the System Logging services and examining system Log Files of all system events.
* Checking alert logs, trace files and file System maintenance. Introduced new servers to the network. Maintaining and troubleshooting network connectivity.
* Hands on experience providing enterprise support to Linux and CentOS servers.
* Performed installation of Red Hat Enterprise Linux 6 on Dell servers. Knowledge of shell scripting in running system jobs.
* Experienced in a Network operations center supporting system users.
* Documentation and Tracking of issues, logs and audit files. Update server baseline document in line with changes on servers.
* Installed and implemented new patches to Linux operating system. Installation, configuration and daily Support of Apache Web server. Experience in network configurations to include knowledge of switches, hubs and firewalls.
* Policy management and applying Network File Systems for sharing resources across the network.
* System Performance Monitoring and capacity planning in anticipation of resource usage and needs.
* Installation and configuration of VERITAS NetBackup master, media and client servers.
* Team player on OpenShift for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside.
* Controlling the System Logging services and examining system Log Files of all system events.
* Checking alert logs, trace files and file System maintenance. Introduced new servers to the network. Maintaining and troubleshooting network connectivity. Wrote Docker images for Bamboo, Nexus and various.
* Created scripts in Ruby to automate log rotation of multiple logs from web servers.
* Deployed JAVA/J2EE applications through Tomcat Application servers.
* Work closely with product and platform teams to engineer and implement Cloud security controls with a focus on DevSecOps
* Worked with a complex environment on Red Hat Linux and Windows Servers while ensuring that the systems adhere to organizational standards and policies. Experienced with various scripts SHELL, Perl and Python for automation of various tasks.
* HTTP/HTTPS, File Transfer Protocol (FTP), network file system (NFS) and server message block (SMB), Simple Mail Transfer Protocol (SMTP), secure SHELL (SSH) and Network Time Protocol (NTP)
* Manage the integration of new software projects and products into the build environment. Work with product development to resolve build-related issues in all projects.

**Environment:** Oracle WebLogic server 12c, JavaEE 8, Ruby, Bash, python, Apache Tomcat 9.0, IBM DB2, MY SQL, Aws Code Deploy, AWS, AZURE, Git, Git Hub, Elastic Search, Kafka, Kibana, JIRA, Jenkins, Maven, Chef 12.x/11.x, Ansible 2.x, ARM Templates, Grafana, AWS FarGate, Nexus, Azure, Docker, Swarm.

**Gcom - New York City, NY.**  **Nov 2015 to Aug 2016**

**Role: DevOps Engineer**

**Responsibilities:**

* Developed tools to automate the deployment, administration, and monitoring of a large-scale AWS Linux environment.
* Setting up AWS basic services. VPCs, VPNs, static routing etc. Implemented cloud solutions from concept to final product.
* Worked with teams including technical, development, and operations, as well as external suppliers and contractors.
* Designed test/deploy/production level code and code build systems. Designed and support automated build systems.
* Documented code that supports or maintains business initiatives.
* Developed infrastructure that will enhance the scalability of the organization and processes to be integrated with the business' best practices ensuring consistency and stability.
* Managed and control changes to code library and development framework for rapid application design and development.
* Ability to work with users to identify issues and bugs and correct items for final deployment.
* Developed system protocols and procedures, user help files and conduct training where needed.
* Designed, configured, managed, and maintained the deployment and operations in Amazon EC2, VPC, S3, AWS ECS FarGate and Elastic Search services.
* Installed/configured Chef Workstation, Server and nodes environment. Created Cookbooks, recipes, roles as part of configuration management and deployment of builds.
* Creating, maintaining and monitoring Build jobs. Managing Jenkins; plugins installation/update and user access.
* Administering and troubleshooting issues related to Jenkins. Build and Release management (Jira, Maven, Ant and Artifactory).
* Creating, maintaining and monitoring Jira Build requests. Coordinating system deliverables between development and testing team. Preparing the builds scripts by using the maven/Ant Build tool on the Red hat Linux platform.
* Preparing Perl scripts to run Build jobs through Jenkins CLI. Managing Build artifacts in JFrog artifactory repository.
* Creating customizing Build Definitions and implementing Continuous Integration & Gated Check-in Builds in TFS.
* Worked with software application developers to architect, configure, and troubleshoot application servers and the software running on them. Worked on Cloud Migration project, worked on servers and databases running on VMware.
* Setting up High Availability Oracle Golden Gate (OGG) systems on Oracle 11gR2 RAC ,12c environments (Front-end: Sun SPARC Server, Back-end: Oracle Exadata Full Rack).
* Automating the OpenShift cluster installation using Ansible playbooks.
* Experience in implementing system automation with various CI/CD tools such as Jenkins and Ansible.
* Technical point of contact for product teams as it relates to automation, CI/CD, and DevOps and/or DevSecOps.
* Constantly improved processes to meet business needs, evaluate, design and implement.
* Installed, configured, administered, optimized and supported system servers and related components.
* Translated development team requirements into Application/System configuration.
* Work closely with product and platform teams to engineer and implement Cloud security controls with a focus on DevSecOps.
* Automated configuration management, infrastructure, and application deployment.
* Analyzed, diagnose, troubleshoot and resolve software problems. Monitor the state of systems to ensure they do not experience configuration drifts.
* Used Ansible playbooks to configure software repositories, install applications and confirm its functionality, as well as to start and stop relevant services. Configured NetBackup backup software, tune configuration files, deploy and update applications.
* Highly skilled knowledge in the documentation of key processes and ensuring systems conform to information security policies, practices, applicable federal mandates, and meets or exceeds business needs.
* Extensive knowledge in building customized software from source. Documentation and Tracking of issues, logs and audit files.
* Updated server baseline document in line with changes on servers. Installed and implemented new patches to Linux operating system. Installation, configuration and daily Support of Apache Web server.
* Installed, Configured, and administered Oracle WebLogic Server.
* Worked on Docker, OpenShift to manage microservices for development.
* Deployed applications created domains and started Oracle WebLogic servers.
* Point team player on OpenShift for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside, troubleshooting pods through ssh and logs, modification of Build configs, templates, Image streams, etc.
* Monitored domain resources, set up and use node manager, deployed applications, configured database resources and configured clusters of Oracle WebLogic servers.
* Ensured appropriate security measures were applied using benchmarks and security standards. Remediated compliance issues based on vulnerability, and internal audit reports for the operating system.
* Planed, installed, administered, and applied operating system patches and upgrades on a regular basis for the Red Hat Linux operating systems and other software and custom applications.
* Utilize Azure IaaS, PaaS, and containers (Kubernetes) to move a legacy application into the cloud first model Map the legacy application components to the Azure cloud from a legacy hosting company.
* Participated in technical research and development to enable continuing innovation within the infrastructure.
* Tracked, reported, supported, investigated and troubleshot server issues.
* Participated in server disaster recovery testing and upgrades associated with emergency and system exercises.
* Researched, configured and implemented Personal Identity Verification Single Sign-on smart card/Linux interaction authentication. Updated server baseline document in line with changes on servers.
* Provided afterhours support for critical mission on systems.
* Served as POC for the Linux team in both internal and external communications, and Mentor junior staff in understanding emerging technologies and processes.
* Configured an AWS Virtual Private Cloud (VPC) and Database Subnet Group for isolation of resources within the Amazon RDS MySQL DB cluster.
* Manage source code, software builds, software versioning, and detect tracking on software maintenance tasks/projects.
* Experience working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Utilizing Cloud Watch and Logic Monitor to monitor resources such as EC2, EBS, ELB, RDS, and S3 etc.

**Environment:** RHEL 7/6, Ubuntu 16.10, VMware 5.5, Java, .Net, Python, Bash, XML, JSON, REST, IBM WebSphere server 8.5/8.0, JBOSS, J2EE, IBM DB2, SSL, GIT, Bitbucket, MongoDB, Artifactory, Nginx, FarGate, Vagrant, Docker, LDAP, Stash, AWS, Maven, Bamboo, Nagios, Azure, ELK stack, Terraform, Ansible, Ant, Jenkins.

**HighRadius Technologies - India June 2012 to July 2015**

**Role: Jr. Systems Admin**

**Responsibilities:**

* Installed and partitioned disk drives. Created, mounted and maintained file systems to ensure access to system, application and user data.
* Provide wireless networks, internet, security and VOIP phone services.
* Sell cloud-based management software, websites, advertising and IT consulting/support.
* Offer penetration testing on company networks to uncover security issues and exploits.
* Scheduled the daily/weekly/monthly backups. Knowledge in the management of Windows and Linux.
* Patching up the system to the latest version as per the recommendations.
* Monitored the health of the servers, Operating system, database and the network. Maintenance of Hard disks (Formatting and Setup, Repair from crashes).
* Installed & administered NFS services using automounter.
* Created users, assigned groups and home directories, setting quota and permissions; administered file systems and recognized file access problems.
* Maintained appropriate file and system security monitored and controlled system access, to increase the system efficiency, scheduled system related croon jobs.
* Setup network troubleshoot network problems and configured routers/access points.

**Environment:** VMware ESXi, PowerShell, Veritas Volume Manager, Subversion (SVN), Apache Tomcat, Python, HTML, PL/SQL, ITIL, Nagios, UNIX shell scripting.

**EDUCATION:**

* Masters in Computer Science from Pace University – NY.
* Bachelors in Computer Science Engineering from JNTUH – India.

**Skills**

AWS (6+ years), DevOps (4+ years), Jenkins (4+ years), Docker(4+ years), Maven(4+ years), Jira (6+ years), Ansible (4+ years), LINUX (5+ years),  PYTHON (5+ years), APACHE (4+ years) TOMCAT (4+ years),  RED HAT (3+ years), Kafka (3+ years).