Spandana Ganji

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**Professional Summary**

* Extensive experience working as a DevOps/Cloud Engineer with around10 years of experience in optimization and continuous improvement of the application delivery process and architectural knowledge across programming languages, cloud computing techniques, IAAS, PAAS, SAAS, and security automation.
* Working with AWS infrastructure such as EC2, CloudWatch, CloudFront, Lambda, ECS, ECR, EKS, Route53, RDS, ELB, ALB, Glacier, Fargate, ELK, Kineses, S3, SNS, Cloud Formation and MSK, etc.,
* Managed and optimized CDN solutions for multiple client websites
* Created CI/CD pipelines in the Azure DevOps environment by providing their dependencies and tasks.
* I possess specialized expertise in devising effective DevOps strategies for different Linux and Windows.
* Distributions while proficiently utilizing a broad spectrum of DevOps tools, such as SVN, Git, Maven, Jenkins, Chef, Nexus, Bamboo, Puppet, Docker, Artifactory, Nagios, Splunk, and App Dynamics.
* Configured Google Cloud Platform (GCP) using a load balancer, cloud DNS, and CDN as well as designed and implemented cloud-based web applications with GCP.
* Worked with many different technologies related to Kubernetes such as OPA, Kustomize, Helm, Prometheus, Dex, Gangway, Ark (Valero), ARGOCD to name a few.
* Extensive experience with the GoLang language and integrating various stacks including Java, JavaScript, AJAX, jQuery, AngularJS, ReactJS, NodeJS, Angular, Bootstrap, JSON, XML and Python.
* Hands-on experience in Azure development working on Azure web applications.
* Well-versed in SDLC, and STLC and I have experience in performing requirement analysis and documentation by established methodologies such as Agile, Scrum, and Waterfall.
* Implemented automated local user provisioning in instances created in the OpenStack cloud.
* Experience with Terraform to build infrastructure as a code in both on-prem and cloud.
* Experience in developing and supporting with API Management tool - APIGEE
* Created IAC solutions through CFT, and AWS CDK for hosting software on the AWS cloud.
* Designed AWS technologies, developing production-grade microservices to enhance system performance.
* Good Understanding of APIGEE architecture.
* Experienced in GoLang Microservices using channels, routines, functional interfaces, and various frameworks.
* Wrote Chef cookbooks and Recipes to automate the deployment process and CI/CD for the database.
* Worked with team to work through kinks of Terraform and helped to migrate scripts to CFT and CDK.
* Managed configuration of multiple servers using Ansible and developed infrastructure to build the servers.
* Involved in the development of test environment on Docker containers and used the Jenkins pipeline to push each build of the microservices to the Docker registry and then deployed to Kubernetes.
* Good experience in developing customized policies in Apigee Edge and developing API's in Apigee Baas.
* Managed XL Deploy for streamlined release management and deployment automation, reducing manual errors and improving deployment consistency across environments.
* Worked with Jenkins in developing CI/CD system on Kubernetes environment.
* Experience in Maven zing MuleSoft project and creating builds using Maven build tools for deployment to Cloud hub / Mule MMC and Standalone server.
* Utilized Jira for identifying, logging, and tracking defects and issues in real time for efficient issue resolution.
* Resolve updates, merge, and password authentication issues in Bamboo.
* I have undertaken the migration of the Terra test to Azure Terraform modules to automate infrastructure code verification and developed a new Terraform module aimed at enhancing system performance.
* Experienced in branching, tagging, and maintaining the version using SCM tools like GIT and Subversion.
* Well-versed in managing source code repositories like Git, GitHub, and Bit Bucket.
* Implementing Azure Logic Apps, Azure Functions, Azure Storage, and Service Bus Queues
* Created and maintained Ant build.xml and Maven POM.xml for performing the builds.
* Build the deliverable artifacts using Maven as a build tool in Jenkins for Java applications.
* Used Nagios for server monitoring and alerting and experienced in keeping up and looking at log archives using monitoring tools like Nagios, Splunk, CloudWatch, and New Relic.
* Worked on setting-up continuous deployment pipelines using Jenkins across multiple Kubernetes clusters to stress the clusters with new infrastructure tools for Kubernetes in development environments using Tekton.
* Associated with implementing SonarQube for code quality checks and fortify for code vulnerabilities.
* Used twist lock for scanning docker images and containers in both build time and run time environments.
* Experience developing different types of azure functions such as Http trigger, Timer trigger, Durable functions, Service bus trigger, Event-Hub trigger, and many others.
* Experience in MuleSoft Any point API platform on designing and implementing Mule APIs.
* Integrated Gitlab to optimize the feature branch workflow in Git and created CICD pipelines to apps into both Kubernetes and OpenShift clusters.
* Configured and maintained NGINX web servers to efficiently serve web content, manage load balancing, and enhance application performance.
* Proficient in deploying, configuring, and managing Kubernetes clusters and OpenShift Container Platforms for container orchestration, including setup, maintenance, scaling, and troubleshooting.
* Configured Splunk deployment server and deployed management console, and universal forwarder management.
* Wrote Bash, shell, and Python scripting to automate regular tasks like removing core files, taking backups of important files, and file transfers among servers.
* Developed Shell/Python, jinja, and PowerShell scripts for automated deployments on Windows environments.
* Experience in working with Apache Spark, and Kafka under the environment of Apache Mesos.
* Converted .Net application to Microsoft Azure Cloud Service as part of cloud deployment.
* Manage and support customer environments in Microsoft Azure cloud
* Gathering business requirements and prepare corresponding Functional Requirement Document
* Managed an automated research-oriented Linux through configuration tools like Chef/ Ansible.
* As part of my work, I have performed tasks related to building and deploying artifacts to JFrog as well as copying logs to Amazon S3.
* Responsible and active in the analysis, design, implementation and deployment of full software development life cycle (SDLC) of MuleSoft project using AGILE Methodology.
* Collaborated with cross–functional teams to gather requirements and deliver ServiceNow and O365 integration.

**Technical Skills:**

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| --- | --- |
| **Scripting Languages** | Bash, shell, Power shell scripting, Perl, Ruby, JSON, Groovy, YAML |
| **Application Servers** | Apache Tomcat, Web Logic Application Server, Web Sphere |
| **Version Control tools** | Git, Gitlab, GitHub, Bitbucket, TFS, Subversion SVN |
| **CI/CD & Build Tools** | Jenkins/Hudson, Bamboo, MuleSoft, Maven, Gradle, ANT, TeamCity, Build Forge |
| **Automation Tools** | Ansible, Terraform, Chef, Puppet |
| **Containerization Tools** | Docker, Kubernetes, ECR, ACR, EKS, Open shift |
| **Artifact Managing Tools** | Nexus, JFrog, Artifactory |
| **Web servers** | Tomcat, Nginx, Azure, Apache, Web Logic, Web Sphere, IIS |
| **Networking/Protocol** | TCP/IP, DNS, FTP, HTTPS, LAN, WAN, NIS, NFS, SSH, SMTP, DHCP |
| **Cloud Environments** | AWS, AZURE, GCP, Azure services development - azure IaaS, PaaS and SaaS, Azure logic app, Azure function, Azure SQL, Azure Data Factory, Integration account, Azure Storage Account Pivotal Cloud Foundry (PCF), OpenStack |
| **Infrastructure Tools** | Terraform, CloudFormation, Azure Resource Manager |
| **Database** | Oracle MySQL, MongoDB, AWS RDS, Dynamo DB, PostgreSQL |
| **Scanning tools** | SonarQube, Forseti Security, Fortify, Veracode, Cloud Armor, Twist lock |
| **Monitoring Tools** | Splunk, Nagios, CloudWatch, ELK, Prometheus, Grafana |
| **Reporting & Ticketing Tools** | Service Now, JIRA, Azure Boards, Confluence |

**Professional Experience:**

# Client: Molina Healthcare, CA, Remote Jun 2022 - Present

# Role: Sr. Cloud DevOps Engineer

# Responsibilities:

* Working with AWS infrastructure such as EC2, CloudWatch, CloudFront, Cloud Trail, Cloud Formation template, VPC, Route53, RDS, EBS, Elastic Load Balancer, S3, and SNS, Config, Autoscaling, AMI.
* Designed AWS Cloud Formation templates to create custom sized VPC, subnets, and NAT to ensure successful deployment of web applications and database templates.
* Developed automation system using Logic apps and JSON templates to remediate the Azure services.
* Developed Cloud Formation Templates in JSON to automate the provision of instances in AWS.
* Designed groups using AWS identity and access management (IAM) and security groups as virtual firewalls.
* Set up CI/CD pipelines for Microservices and integrated tools like Bitbucket, Maven, SonarQube, Docker, Nexus to provide immediate feedback to development teams after code check-in.
* Dynamics upgrade Azure integration projects from AX 2009 or 5 FO
* Experience with the Azure logic apps with different triggers and worked on ISE environment in logic apps.
* Implemented gRPC-based communication in cloud microservices architecture, resulting in a **40% reduction in latency** and enhancing the real-time data exchange between services.
* Installed and administered software provision tools and monitoring tools like Chef, Puppet, Ansible, Zookeeper, Nagios, App Dynamics, and Splunk and executed maintenance tasks like creating users and groups.
* Experience in MuleSoft any point platform on designing and implementing Mule APIs.
* Create new API using GoLang and Docker.
* Experience in assigning the azure services on locations specific to integrate with web-apps and key vaults.
* Implemented multiple Tekton Pipelines in Kubernetes cluster and deployed various applications using Helm charts to create a Custom Resource Definition (CRD) application with flux tool.
* Automating business critical logic like invoicing in d365 in Azure Integration part.
* Experience providing Apigee Edge Platform diagnostic and troubleshooting ability.
* Hands on Experience in creating API Proxy's in Apigee Edge using Node.js, Java Script as well as out of box Policies
* Knowledge of managing Azure Storage, Network services, Traffic Manager, auto-scaling, etc.,
* Worked on source control tools like GIT, UNIX, and Windows environments.
* Experience in creating ARM templates for Azure.
* Developed and implemented software applications and systems using various tools and technologies including GoLang, AWS, Docker, and Cassandra.
* Used GoLang 1.10 and Developed Microservices using Channels, goroutines, functional interfaces, and various frameworks.
* Developed reusable Business Logic Components used for rating the Policy Coverage’s.
* Designed serverless microservice ETL application with AWS Lambda and S3 using AWS CDK.
* Built and deployed the services using AWS python CDK for source control.
* Migrated Terraform backend from on-prem to cloud to create DR.
* Experience in TFS Azure integration with ServiceNow, sonar cube, black duck.
* Developed WebSocket’s-based solutions for interactive web applications, leading to a **50% increase in user engagement** and providing seamless, real-time communication features.
* Supplied shell scripts in terraform code to bootstrap services.
* Worked on deployment automation of all the microservices to pull images from the private docker registry and deploy to the docker swarm cluster using Ansible.
* Experience in assigning the azure integration services on locations specific to integrate with web-apps and key vaults
* Developed GoLang Microservices and converted the user stories into backend logic in service classes.
* Experience new features implemented by Azure integration to reproduce and troubleshoot Azure end-user issues and provide solutions to mitigate the issue.
* Written Cloud Formation Templates to provision multi-tier architecture environments.
* Host a community of sub-projects that extend Tekton (Dashboard UI, CLI, Webhooks, etc.).
* Written Cloud Formation Templates and deployed AWS resources using them.
* Developed Ansible playbook templates in Jinja for customizing the web application.
* Used Ansible Tower, which provides an easy-to-use dashboard and role-based access control which makes it easier to allow individual teams access to use Ansible for their deployments.
* Developed different types of azure integration functions such as Http trigger, Timer trigger, Durable functions, Service bus trigger, Event-Hub trigger, and many others.
* Developed Rest Api to processes the data from DB to another Rest Service using GoLang.
* Play a significant role in establishing operational process for the fast-growing distributed cloud platform.
* Worked on POC of high-end APIGEE innovative proxies and On-boarding API's.
* Used APIGEE Management APIs for certain operations.
* Knowledge on TIBCO and replaced TIBCO with MuleSoft for many functionalities.
* Migration of existing Infrastructure and configures and Manage Azure Site Rec.
* Utilized an agile development approach and CI/CD pipelines to deliver feature-rich, scalable, and robust cloud solutions, achieving deployment cycles and continuous integration.
* Successfully implemented and maintained support for SAE 1772, DIN SPEC 70121, and ISO 15118 charging protocols, enabling **seamless integration** of electric vehicle charging infrastructure with standardized communication standards.
* Developed GoLang software to handle concurrent data collection and processing with goroutines and channels.
* Skills and technologies used Continuous integration and continuous delivery (CI/CD), agile product management, Jenkins, Jenkins X, Kubernetes, Tekton, user-centered design. Detailed documentation on Azure product related bugs and forwarded them to Azure engineering team for permanent bug fixes.
* Knowledge in automated deployments leveraging Azure Resource Manager Templates, DevOps and Git repository for Automation and usage of Continuous Integration (CI/CD).
* Used APIGEE Killer to check the performance of each component of Apigee product and fixed lots of issues.
* Collaborated with industry stakeholders to ensure compliance with charging protocols, resulting in a **95% reduction in interoperability issues** and creating a more accessible and user-friendly charging experience for electric vehicle users.
* Developed AWS Lambda and AWS S3 using GoLang.
* Led the development of secure and efficient communication modules for electric vehicle charging stations, utilizing SAE 1772, DIN SPEC 70121, and ISO 15118, resulting in a **20% increase in data transmission speed** and improved user satisfaction.
* Rebuilding the existing application using Windows workflow foundation.
* Experience in creation of Function apps, Web apps, Web jobs, Web app bots, Chatbot, SQL databases, VM’s, and deploying applications to Azure using Visual Studio, VSTS, Git hub, Bitbucket, accessing files via FTP, Local GIT deployment.
* Worked on creating Docker containers and Docker consoles for managing the application lifecycle.
* Led the development of C++ applications for embedded Linux systems, resulting in a **30% improvement in system performance** by optimizing resource utilization and enhancing real-time responsiveness.
* Used Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers.
* Developed Kubernetes service files to seamlessly configure Load Balancers, harnessing the power of Kubernetes as an open-source automation platform for streamlined deployments.
* Having a solid understanding of business needs and requirements for MuleSoft and creating CR’s and raising cases to MuleSoft.
* Created private cloud using Kubernetes and managed Kubernetes charts using Helm.
* Experience in working with the EC2 Container Service plugin in Jenkins which automates the Jenkins master-slave configuration by creating temporary slaves.
* Created internal diagnostic tools using GoLang, Goroutine, Microservices, Channels, Gokit, ORM GORM, Gorilla Mux.
* Worked with engineers on resolution and resolving. Troubleshoot the build and release job failures using Jenkins.
* Implementing Azure Logic Apps, Azure Functions, Azure Storage, and Service Bus Queues for large enterprise-level ERP Integration systems.
* Good experience in working with godoc, ginkgo, grpc, Goland, and AngularJS in order to assist with the requirements. GoLang and Java were used as a backend REST service while AngularJS was used for the user interface.
* Responsible for creating products in APIGEE so that they can be consumed by the consumers.
* Understood various components with in APIGEE platform so that issues can be resolved when needed.
* Experience in Hudson, Bamboo, and Team City for CI and end-to-end automation of Builds and deployments.
* Experience writing data APIs and multi-server applications to meet product needs in GoLang.
* Created RPC-based service for reading large volume of data from PostgreSQL using GoLang.
* Integrated Jenkins with repositories like GitHub to build an Automation tool (Maven).
* Developed build & deployment scripts using the Maven tool in Jenkins to move from one environment to another.
* Creating Microservices in Azure integration with Service Fabric, C# and .Net Core (Reliable actors, Stateful and Stateless Services, etc.)
* Used Splunk for log analysis and improving the performance of servers.
* Maintained build-related scripts developed in shell for Maven builds. Also modified build configuration files including POM.xml and convertedbuild.xml into POM.xml to build applications using Maven.
* Developed Splunk queries and dashboards targeted at understanding app performance and capacity analysis.
* Wrote several custom Splunk queries for monitoring and alerting.
* Experienced with KMS, Queues, Nagios, and CloudWatch as an IT Infrastructure Monitoring tool.
* Used PowerShell Scripting for automating processes and collecting reports for daily tasks. Experience in Shell Scripts (Bash), Ruby, Python, and PowerShell for automating tasks.
* Development/Execution of automated scripts using Microsoft custom.NET framework in visual Studio.NET technologies like ASP.NET, ADO.NET, XML, and Web services.
* Understanding the general configuration of a Splunk Plugin in MuleSoft.
* Working on service-oriented architecture and experience of the Release Management process with CI/CD pipelines using Azure DevOps.
* Deployed ASP.NET web application package and deploy automation for .net application by setting a transformed variable to change config files.
* Worked with Oracle Database Admin to keep all the specified tables as assigned by developments in sync for every release. Monitored data pipelines using Apache Kafka.
* Worked on MuleSoft Any Point API platform, Swagger for designing and implementing Mule APIs
* Configured AWS Data Migration service to move SQL Server database to Redshift cluster.

# Client: ABS, Spring, TX Sep 2021 – May 2022

# Role: Site Reliability Engineer

**Responsibilities:**

* Involved in designing and implementing PowerShell scripts to automate creation in TFS to establish User and group permissions, automation of deployment, and procuring Virtual Machines in Azure.
* Migrated SQL Server 2008 database to Windows Azure SQL database and updated the Connection Strings.
* Managed Windows Azure infrastructure for our customers depending on the requirements.
* Managed Azure DevOps build and release pipeline and deployed microservices including Azure environment.
* Used GZIP with AWS CloudFront to forward compressed files to destination nodes/instances.
* Proficient in managing and troubleshooting FTP and SFTP protocols for efficient file transfer and data synchronization within distributed systems.
* Implemented Azure Storage - Storage accounts, blob storage, and Azure SQL Server. Explored on the Azure storage accounts like Blob storage.
* Developed AWS Cloud Formation templates (CFT) to create custom-sized Virtual Private Cloud (VPC), subnets, NAT, EC2 instances, Elastic Load Balancer (ELB), and Security Groups.
* Implemented Cloud Front with S3 storage for CDN. Managed AWS infrastructure as code using Terraform.
* Expertise in Azure services like PaaS, and IaaS including Azure virtual Networks, and ARM templates.
* Implemented terraform modules and scripts for automatic provisioning in the Azure environment.
* Deployed Azure IaaS Virtual Machines and PaaS role instances into secure VNets and subnets.
* Involved in designing and deploying multiple applications using almost all the AWS cloud infrastructure focusing on high availability, fault tolerance, and auto-scaling of the instances.
* Installing, configuring, and testing OpenStack keystone. Create and manage Cinder volumes in OpenStack.
* Good knowledge in setting up CloudFront CDN and used to deliver the data to the edge locations.
* Working knowledge of OpenStack versions like Icehouse, Juno, kilo, and Liberty.
* Utilized Greenhill’s to enhance security in embedded systems, leading to a **30% decrease in vulnerabilities**

and ensuring the protection of sensitive data in high-security applications.

* Created terraform templates to create resources in the cloud and pipelines in Jenkins to trigger terraform.
* Involved in designing and developing Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, CloudFront, Amazon SQS, and other services of the AW’S infrastructure.
* Designed AWS Cloud formation templates to create custom sized VPC to set up IAM policies for users to ensure successful deployment of web applications, and database templates.
* Successfully integrated Free RTOS into embedded systems, resulting in a **50% reduction in system response time** and ensuring real-time performance for critical applications.
* Developed applications with QNX, meeting stringent safety and reliability requirements, and achieving

**99.99% uptime** in mission-critical environments.

* Monitored CDN performance using Splunk and New Relic to identify and resolve issues.
* Created Power Automate workflows to automate repetitive tasks, reducing manual effort.
* Hands-on experience in Ansible and Ansible Tower as a Configuration management tool to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
* Worked on Ansible deployments and written Ansible playbooks with multiple roles and tasks with loops.
* Created Docker images using a Docker file. Worked on Docker container snapshots, removing images, and managing Docker volumes and experienced with Docker container service.
* Involved in the development of a test environment on Docker containers and configuring the Docker containers using Kubernetes and Depended on Zookeeper for support in managing Kafka.
* Implemented Infrastructure as Code principles using tools like Terraform or Ansible, automating the provisioning and management of Kubernetes and OpenShift environments.
* Managed the container using Docker, set up the automated build on Docker Hub ran multiple Applications by Docker Compose, and used Docker Weave for Network communication between Containers.
* Extensively involved in setting up Kubernetes (k8s) clusters for running microservices and implemented a Kubernetes Container Orchestration solution within OpenStack allowing for easy management.
* Managed local Deployments in Kubernetes using the Open Shift platform, creating local clusters, and deploying application containers and used Open Shift to manage microservices for the development of CI/CD.
* Responsible for CI/CD process implementation using Jenkins along with Python and Shell scripts to automate.
* Defined branching, merge, and recursive merge strategies for all applications in Git.
* Managed Source code using SVN/GIT and used the concepts of branching, merging, and tagging for release management and SCM client tools like GitLab, GitHub, and Git GUI.
* Developed installer scripts using Maven, and Python for various products to be hosted on App Servers.
* Created and recovered OpenStack assets and implemented multi-tier application provisioning in OpenStack and integrated it with Ansible, migrating the application using Maven as a build tool.
* Setting up and configuring, improved monitoring, and performance of applications in the New Relic.
* Worked with new relic for monitoring performance like browser and for tracking issues in SQL statements.
* Worked with New Relic on User admin groups, maintaining accounts, and monitoring system performance.
* Python Scripting for automation, scalability, build promotions for staging to production, etc.
* Implemented Object Relational Mapping using Hibernate and Java Persistence API.
* Used Microsoft Graph API and Rest APIs to integrate Office 365 services and build custom applications.
* Implemented back-end functionalities using Java and OOP concepts like Collections, Multithreading, etc.
* Implemented back-end functionalities using Java and its concepts of Object-Oriented Programming Multithreading, Collections, and Exceptional Handling.
* Worked on connecting Redshift database and Databricks and set up SAML single sign-on authentication to Databricks.
* Diagnosing, and troubleshooting various networking, hardware & Linux/UNIX server service issues.
* Performed software installations and upgrades to Linux systems.
* Secured Linux servers by hardening the OS using Iptables, SELinux.

# Client: NextEra Energy, Fairfax, VA Mar 2020 – Aug 2021

# Role: AWS Engineer

# Responsibilities:

* AWS data backup (snapshot, AMI creation) techniques, along with the data-at-rest security within AWS.
* Worked on Cloud automation using AWS Cloud Formation templates. End-to-end deployment on AWS.
* Implemented and maintained monitoring and alerting of production and corporate servers such as EC2 and storage such as S3 buckets using AWS Cloud Watch.
* Worked on GCP services like compute engine, cloud storage, cloud load balance, and cloud SQL.
* Experience in Designing and implementing cloud-based web applications with GCP.
* Good with Migrating the Legacy application into the GCP platform.
* Build servers using GCP and data pipelines in Airflow in GCP for ETL.
* Successfully integrated OCPP into cloud-based electric vehicle charging infrastructure, resulting in a **30% improvement in charging station uptime** and enhanced remote monitoring and control capabilities.
* Developed AWS Cloud Formation templates to create custom-sized Virtual Private Cloud (VPC), subnets, NAT, EC2 instances, Elastic Load Balancer (ELB), and Security Groups.
* Worked on Cloud automation using AWS Cloud Formation templates.
* Deployed and configured cloud servers on AWS with Terraform and chef automation.
* Implemented rapid provisioning and life-cycle management for Ubuntu Linux using EC2, Chef, and Bash.
* Installed and configured the configuration management tool Chef for Cloud Automation.
* Created Chef Servers/ Workstation and nodes via CLI.
* Demonstrated proficiency in software development for embedded Linux systems, contributing to **over 20 successful projects** in various industries, including automotive, IoT, and telecommunications.
* Designed and implemented robust embedded Linux-based solutions, leading to **a 40% reduction in system resource usage** and significantly improving the overall efficiency of the software stack.
* Collaborated with cross-functional teams to develop custom drivers and applications for embedded Linux, ensuring **100% compatibility** with specific hardware platforms and optimizing system performance.
* Involved in setting up CI/CD using Bamboo/Team City with Artifactory repository.
* Managed Source code using SVN/GIT and used the concepts of branching, merging, and tagging.
* Experiences in Administration of Production, Development, and Test environments.
* Designed and implemented secure communication protocols for OCPP, ensuring **99.9% data integrity** and safeguarding sensitive information in electric vehicle charging systems.
* Collaborated with cross-functional teams to standardize OCPP implementation, leading to a **20% reduction in development time** and ensuring seamless interoperability with various charging stations and cloud platforms.
* Carried different operating systems platforms like Windows, Ubuntu, Red Hat Linux, and SUSE Linux.
* Extensive experience in using Version control systems including SVN, GIT, GitHub, GitLab, Bitbucket.
* Built and Deployed Java/J2EE to Tomcat Application servers in an agile CI process and automated Maven.
* Worked on maintenance of Continuous Integration using Maven and managed Maven pom files.
* Managed the Maven Repository using the Nexus tool and used the same to share the snapshots.
* Installed and configured Nagios for checking the memory or storage space and other system-related issues.
* Worked with Nagios for Azure Active Directory & LDPA and data consolidation for LDAP users.
* Monitored system performance using Nagios, maintained Nagios servers and added new services & servers.
* Used Nagios as a monitoring tool to identify and resolve infrastructure problems.
* Expertise in Python scripting with a focus on developing tools, CI/CD, and AWS Cloud Architecture.
* Build a CI/CD pipeline to automate the process using the Python script.
* Worked with built-in Groovy scripting console for creating Groovy scripts in Jenkins.
* Created multiple Python, Bash, and shell scripts for various application-level tasks.
* Used bash/shell/Perl scripts to automate the deployment process.
* Experience in database environments MySQL, Oracle, NoSQL databases DynamoDB and Cassandra.
* Written SQL queries to perform CURD operations on the Database.
* Migrated database applications from Windows 2000 server to Linux server.
* Participated, documented, and managed ITIL controls and supported Linux environment.

# Client: Amex, Phoenix, AZ Mar 2019 – Feb 2020

# Role: DevOps Engineer

# Responsibilities:

* Expertise in deploying artifacts like WAR, and JAR using Puppets on QA, and PROD Environments.
* Identified and resolved issues along CI/CD pipelines to ensure smooth and efficient software delivery.
* Written modules for Puppet for tasks like application deployment, configuration, and creating file systems.
* Implemented Chef/Puppet as a configuration management tool.
* Successfully integrated JIRA, Confluence, and Jenkins to improve defect tracking and issue management.
* Utilized JIRA for identifying, logging, and tracking defects and issues in real time.
* Employed Confluence for documenting the resolution of issues for improved collaboration.
* Integrated Jenkins for CI and automated testing to improve software quality and reduce defects.
* Used Chef/Puppet to automate repetitive tasks, quickly deploy critical applications and manage changes.
* Build a CI/CD pipeline to automate the process using the Python script.
* Worked with built-in Groovy scripting console for creating Groovy scripts in Jenkins.
* Working with GitHub private repositories. Maintenance of source code in GIT.
* Experience in securing web applications using ASP.NET authentication and Forms-based Authentication.
* Integrated unit testing, code coverage, and deployment tools with Jenkins and Ant.
* Developed strategies to troubleshoot errors and improve the performance of pipelines.
* Experience installing Eclipse with ANT to build JAVA-based applications, compilation, and packaging.
* Developing scripts to be executed as checks by Nagios in both Windows and Linux environments.
* Installed Nagios on the Global Servers and developed Bash Scripts for Monitoring Point of View.
* Worked by Using Perl and Shell on user account management to automate administration tasks.
* Designed and implemented custom Bash scripts for controlling the data flow from the PostgreSQL database.
* Built and Deployed Java/J2EE to Tomcat Application servers in an agile continuous integration process.
* Troubleshoot the automation of installing and configuring Java applications in the testing and production.
* Debugging the ASP .Net application.
* Designed and implemented a puppet-based configuration management system for all new Linux machines.
* Installed Tentacles on Linux and Windows deployment targets.

# Client: ValueLabs LLP, India Mar 2016 – Dec 2018

# Role: Linux Engineer

# Responsibilities:

* Configured and monitored multi-platform servers using Nagios and worked on user administration setup.
* Using Nagios maintained accounts and monitored system performance.
* Installed and configured Nagios for monitoring the network bandwidth and the hard drive status.
* Experienced with Nagios as an IT Infrastructure Monitoring tool and knowledge of Splunk.
* Developed Shell/Bash/Perl Scripts for automation purposes.
* Used PowerShell Scripting for automating the process and collecting reports for daily tasks.
* Implemented version control and continuous integration workflows using Git and Jenkins, ensuring **99.5% code reliability** and enabling a smooth development process for embedded applications.
* Successfully integrated C++ applications with embedded Linux, achieving **100% on-time delivery** of critical projects, ensuring seamless operation of mission-critical systems.
* Handled admin tasks in Linux OS such as server restart, application installation, and monitored dashboards.
* Worked on Linux server virtualization by creating Linux VMs for server consolidations.
* Experience in installing, upgrading, and configuring Red Hat Linux 5. x, 6. x, and 7. x using Kickstart Servers.
* Management and Implementation of Linux and Windows, Middleware, and Java applications.
* Perform builds for all products for supported platforms (OSx, Linux, Windows, Android).
* TCP/IP troubleshooting on Unix/Linux network
* Used Windows Services to read and store data from XML files in the database.
* Installing, configuring, and administration of CentOS 5. x, Solaris 9, 10, RHEL4.x/5.x/6.x, Windows Server.
* Responsible for the maintenance of DHCP, DNS, LDAP, and NFS services on Windows and RHEL in development environments.

# Client: Smartried, India Sep 2013 – Feb 2016

# Role: System Administrator

# Responsibilities:

* Setting up the Nagios and for Performance monitoring of Windows and Linux applications.
* Proficient in installing, configuring, and maintaining server operating systems (Linux, Windows Server) and managing user accounts, permissions, and access controls.
* Installed and configured Nagios for monitoring the network bandwidth and the hardware status.
* Orchestrated complex build processes using CMake, resulting in a **25% reduction in build times** and significantly improving the efficiency of the software development lifecycle.
* Streamlined software compilation and dependency management by configuring Make build systems, achieving **100% build consistency** across diverse projects and platforms.
* Implemented best practices for version control and automated builds, reducing integration issues by **80%** and enhancing collaboration among development teams.
* Successfully implemented rapid provisioning for Ubuntu Linux instances.
* Developed custom Ruby/Bash scripts for automating software installations, updates, and backups.
* Established more effective life-cycle management of Ubuntu Linux instances to secure systems.
* Created and maintained Jenkins jobs that execute the shell script.
* Configured Linux Kickstart on multiple servers for network installation and performed regular installation

Of patches using RPM and YUM.

* Implemented the monitoring tools Nagios to monitor services CPU, Hard Drive, Users HTTP and SSH, etc.
* Performed Kernel and memory upgrades on Linux servers in a Virtual environment.
* Configuring network services such as DNS/NFS/NIS/NTP for UNIX/Linux Servers.
* Responsible for operations in UNIX and Linux Server Environments.