**DevOps Engineer**  

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**Professional Summary:**

* Azure DevOps Engineer with around **8+** years of expertise in CI/CD pipeline design and implementation, provisioning and managing infrastructure using Terraform, and deploying and scaling apps
* Using Kubernetes. proficiency with Azure Services and Azure DevOps. proficient in PowerShell, Maven, Gradle, Ant, Splunk, Prometheus, AKS, Docker, Ansible, AKS, and EKS. knowledge of Windows server administration and Unix/Linux server management.
* AZURE AD Connect deployment, ADF’S Authentication Flow configuration, and ADF'S installation utilising AZURE AD Connect expertise.
* Successfully implemented and managed various projects on Google Cloud Platform (GCP), leveraging its services such as Compute Engine, Cloud Storage, and BigQuery.
* Led the development and implementation of a comprehensive disaster recovery plan for critical systems, ensuring business continuity in the event of a disruptive incident.
* Designed and implemented scalable and cost-effective cloud architectures using GCP services, resulting in improved efficiency and reduced operational costs.
* Proficient in using Azure DevOps for managing Service Fabric applications and deploying, configuring, and monitoring Service Fabric clusters using Azure DevOps.
* A working knowledge of Azure Network Security Groups, Azure Operational Insight and OMS, AZURE Premium Storage, Site Recovery, Network Virtual Appliance, and Client-Side encryption for Azure storage objects.
* Created a CI/CD pipeline utilising Jenkins plugins and Azure DevOps in both the cloud and on-premises, using GIT, MS Build, Docker, and Maven.
* Implementation of a seamless SSO solution using ForgeRock Access Management (AM) to enable users to access multiple applications with a single set of credentials, improving user experience and productivity.
* Proficient in .NET Framework/Core and expertise in developing applications using .NET Framework and/or .NET Core.
* Developed and implemented access control policies using Open Policy Agent (OPA) for a large-scale microservices architecture, resulting in improved security and compliance.
* Knowledge in virtualization using VMware, Open Stacks, and infrastructure orchestration using containerization technologies like Docker and Kubernetes. Experience migrating on-premises infrastructure to cloud platforms like AWS/Azure.
* Proficient in Golang with hands-on experience in designing and developing robust, efficient, and scalable applications. As well as Golang's standard library and packages, leveraging them to implement various functionalities efficiently.
* Proficient in working with Spark's core APIs and PySpark, leveraging the power of distributed computing to process large-scale datasets efficiently.
* Proficient in working with databases in Golang, including SQL databases (e.g., PostgreSQL, MySQL) and NoSQL databases (e.g., MongoDB, Redis).
* Proficient in utilizing Dynatrace for application performance monitoring, identifying bottlenecks, and optimizing system performance to ensure optimal user experience and meet service level objectives.
* Worked in controlling Ubuntu and RHEL virtual servers on Azure by setting up Ansible Nodes, as well as utilising Terraform and Ansible to migrate old and monolithic systems to Azure.
* Configured and optimized GCP's networking components, including Virtual Private Cloud (VPC) and Cloud Load Balancing, to ensure high availability and performance of cloud applications.
* Experience as a Git Ops operator utilising the Flux tools and framework for collaboration, CI/CD, and VCS.
* Implemented security best practices on GCP, including Identity and Access Management (IAM) policies and network security controls, ensuring a secure and compliant cloud environment.
* Worked in utilising Docker Swarm, a system like Kubernetes, to manage and configure containers.
* Extensive knowledge in setting up, managing, and administering the Linux Jenkins CI tool.
* Knowledge of setting up alerts, installing numerous dashboards for different applications in Kubernetes, and configuring monitoring and alerting systems like Prometheus and Grafana to specifications.
* Collaborated with cross-functional teams to migrate on-premises applications to GCP, minimizing downtime and achieving seamless transition.
* Strong understanding of Azure Databricks and its capabilities for big data processing, analytics, and machine learning.
* Knowledge of storage, networking, and PowerShell commands as well as programming languages like Python, Ruby, Perl, Shell, and Bash. skilled at writing automated PowerShell scripts for the deployment of web apps.
* Collaborated with cross-functional teams to migrate on-premises applications to GCP, minimizing downtime and achieving seamless transition.
* Well-versed with Software development life cycle (SDLC), Software Test life cycle (STLC), and Bug life cycle and worked with testing methodologies like Waterfall and Agile (SCRUM).

**TECHNICAL SKILLS:**

* **Operating Systems**: Ubuntu, Fedora, Debian, CentOS, RHEL, MacOS, Solaris, Windows, RedHat (4. x, 5. x, 6. x). Public & Private Cloud Technologies: Microsoft Azure, Amazon Web Services (AWS), Google Cloud Platform (GCP), OpenStack, Pivotal Cloud Foundry (PCF).
* **Containerization Tools**: Docker, Docker Swarm, Kubernetes, AWS ECS, Apache Mesos, OpenShift.
* **CI/CD Tools**: Jenkins, GitLab CI, Travis CI, Bamboo, Hudson, VSTS, Build Forge.
* **Version Control Tools**: Git, Subversion, GitHub, Bitbucket, TFS.
* **Build & Testing Tools**: Maven, Ant, Gradle, Selenium, JUnit, NUnit, MS Build
* **Performing/Monitoring Tools**: Azure Monitor, Nagios, CloudWatch, Splunk, Grafana, ELK, Prometheus, New Relic, Windows Hyper V, vSphere 5Citrix, Power VM, Data Dog.
* **Bug Tracking Tools**: Service Now, Jira, Remedy, Rally, IBM Clear Quest.
* **Web Servers**: Apache Tomcat, Nginx, SQL Server, WebSphere, WebLogic, JBoss, Samba. Databases: MySQL, MongoDB, Oracle DB, PostgreSQL, Dynamo DB, RDBMS, NoSQL, Cassandra. Repositories: Nexus, JFrog Artifactory.
* **Configuration Management Tools**: Ansible, Chef, Puppet, Terraform, Salt Stack.
* **Scripting Languages**: Python, Ruby, Bash Shell, YAML, Perl, PowerShell, Golang, POSIX Shell.
* **Integrated Development Environment**: MS Visual Studio, Eclipse, IntelliJ IDEA, NetBeans, PyCharm, Oracle SQL Developer.
* **Networking/Protocols**: DNS, DHCP, NFS, TCP/IP, HTTP/HTTPS, WAN, LAN, SMTP, Cisco Routers/Switches, FTP/TFTP, LDAP.
* **Cloud Services**: Compute Engine, Cloud Storage, Big Query, Cloud Pub/Sub, Cloud Dataflow, Cloud Functions, Cloud SQL, Cloud Firestore, Cloud Spanner, Cloud ML Engine, AutoML, Cloud Vision API, Cloud Natural Language API.

**Work Experience**

**Blue Cross BlueShield, IL Jul 2022-Present**

**DevOps Engineer**

**Responsibilities:**

* Using the Kanban Methodology when working on Azure Cloud Platform.
* PIM was used to diagnose serious application problems. Resources will be created via the Azure DevOps release pipeline and the contributor SPN role (Ica).
* Managed Windows and Linux servers, investigated IP problems, and offered assistance to various Application teams.
* Designing and implementing scalable and secure cloud architectures on GCP.
* Designing and implementing data pipelines and workflows on GCP using tools like Cloud Dataflow or Apache Beam.
* Made substantial contributions in simplifying the development and maintenance of ETL by creating re-usable Source, Target, Mapplets, and Transformation objects.
* Developing and deploying machine learning models on GCP using services like AutoML or TensorFlow.
* Azure Virtual Networks (V-Nets), Subnets, Azure Network Security Groups, DNS settings, security rules, and routing are designed and configured.
* Collaborating with cross-functional teams to plan and execute cloud migrations
* Building and managing CI/CD pipelines for deploying applications and services on GCP.
* Designed and implemented RESTful APIs and web services using popular Golang frameworks like Gin, Echo, or Iris.
* Developed and Maintained ETL pipelines using Redbricks ETL.
* Working knowledge on different data Integration Concepts such as Data mapping, transformation, and loading.
* Designed and deployed OPA as a Kubernetes admission controller, enabling automatic policy enforcement for all incoming requests to the cluster.
* Designed and implemented complex data integration solutions using Redbricks ETL.
* Developed and deployed a customer identity portal using Forgerock, enabling self-service registration, password reset, and profile management and Integrated Forgerock with a third-party Privileged Access Management (PAM) solution to enforce strong access controls for privileged users.
* Building web applications using ASP.NET, ASP.NET MVC, ASP.NET Web API, or ASP.NET Core using multiple versions.
* Experience in building microservices architectures and serverless applications using Golang, allowing for modular and maintainable codebases.
* Designed and implemented RESTful API Development using ASP.NET Web API, ensuring seamless integration with client applications.
* Infrastructure migration to Terraform from manual or conventional methods was put into practise, including developing migration processes and strategies.
* Worked on Containerization technologies and their integration with Golang applications. And Integrating Golang applications with the Cloud services.
* Developed an automated script to assign a bespoke RBAC role for application support to a particular environment based on PROD and Non-PROD resource groups.
* Workspace for Log Analytics was used, and Kusto Query Language was well-understood and experienced.
* Application team ARM templates will use these written Shared ARM templates V2 and saved in storage accounts to install security and unique domain extensions.
* Unit tests and runbooks have been incorporated into the Azure DevOps Build pipelines utilising written unit test cases built using the Pester framework.
* Implemented Azure Policy Custom to Deploy SQL DB retention day to 21 if the retention days is less than 21. Corteva Retention Policy for data is 21 days.
* Worked with deploying infrastructure as code using Terraform, including configuration of modules, variables, Lifecycles, and outputs.
* Skilled in integrating Databricks with other Azure services, such as Azure Blob Storage, Azure Data Lake Storage, and Azure Synapse Analytics, to read and write data.
* Proficient in passing parameters, managing dependencies, and handling errors between ADF pipelines and Databricks activities.
* Experienced in integrating Spark with various data storage and processing frameworks, such as Hadoop Distributed File System (HDFS), Apache Hive, Apache HBase, and Apache Kafka.
* Proficient in optimizing Spark applications and PySpark code for enhanced performance and efficiency, utilizing techniques like data partitioning, caching, and leveraging Spark's in-memory computing capabilities.
* Leveraged Dynatrace to identify and resolve performance issues, resulting in a 30% reduction in application response time and a 20% increase in overall system efficiency.
* Written Automation scripts in PowerShell, which make API calls to Azure DevOps and end users who have not accessed Azure DevOps for more than 90 days (Cost Optimization Project).
* Docker container deployment, scalability, and administration are orchestrated via managed local deployment in Kubernetes.
* Azure platform WAF with HA for Reverse proxy configuration and Internet exposure of virtual machines and cloud services.
* Implemented end-user monitoring using AppDynamics to gain insights into user experience and application responsiveness.
* F5 BIG-IPs were used to configure Forward Proxy and Reverse Proxy configuration on the Azure Cloud platform.
* Microsoft Monitoring Agent MMA was installed through automation scripts.
* Jenkins pipelines were used to push all micro service builds to the Docker registry, where they were subsequently deployed to Kubernetes, Kubernetes was used to create and manage Pods.
* Worked on using Datadog's log management capabilities to centralize and analyze log data for troubleshooting and compliance.
* Constructed and maintained Kubernetes-managed Docker container clusters on Microsoft Azure. used Kubernetes and Docker as the CI/CD system's runtime environment to develop, test, and deploy.
* A cloud network architecture that connects on-premises systems to the cloud utilising express routes, VPNs, and Azure virtual networks.
* NetApp File Shares in the Central US region have been set up, with quantities allotted to different applications.
* creating ARM templates and PowerShell scripts to automate provisioning and deployment.
* Used automation programmes to install fixes on Linux and Windows systems.
* Providing New App Teams with technical introduction sessions and direction.
* Managed escalating support cases for the MS Azure IaaS platform until they were resolved.
* Environment & Tools: Microsoft Windows Azure, Kubernetes, Docker, Ansible Configuration, Terraform, RedHat, Microsoft SQL Server, Chef, Maven, Shell, Python, Microsoft Visual Studio, Data Factory, Automation Accounts, Logic Apps, IAM, Windows PowerShell.

**Environment:** Azure, Ansible, python, Kubernetes, Splunk, Datadog, Dynatrace, Maven, SQL services, Spark, Chef, Visual studio, terraform, Scala, Redhat, Golang, Frogerock, Power shell, CI/CD, .net Docker, Data factory, Git, App dynamics, Kanban, Azure DevOps, Jenkins.

**CDW, Louisville, KY Feb 2021-Jun 2022**

**DevOps Engineer**

**Responsibilities:**

* AWS Security Groups that were established operated as virtual firewalls to regulate the traffic that was permitted to reach one or more AWS EC2 instances.
* .NET, Node.js, Python, and Java-based web applications may be deployed using AWS Code Deploy, Code Pipeline, and EC2 and protected by establishing IAM roles and policies for services and users.
* ELB, EC2, Elastic container services (ECS), Auto-scaling, S3, IAM, VPC, Red Shift, DynamoDB, Cloud Trail, Cloud Watch, Elastic Cache, Lambda, SNS, Glacier, Cloud Formation, SQS, EFS, and Storage Gateway were used to put up the system.
* The creation of custom-sized VPCs, subnets, EC2 instances, ELBs, and security groups using AWS CloudFormation templates.
* Integrating modern front-end frameworks like Angular and React with .NET applications to deliver engaging user experiences.
* Deploying and managing .NET applications on Microsoft Azure, leveraging cloud services for scalability and reliability.
* Resolved and troubleshooted issues related to Service Fabric applications and ETL pipelines.
* Worked on AppDynamics data for performance tuning and capacity planning by collaborating with the DevOps Team. And analysed application performance across microservices using Datadog.
* Proficient in working with Scala collections, including List, Set, Map, and using their built-in higher-order functions for data manipulation, filtering, mapping, and aggregation.
* The development of a tagging standard for EC2 instances as well as other AWS Services like Cloud Front, Cloud Watch, RDS, S3, Route53, SNS, SQS, Cloud Trail and worked on CloudWatch, Simple Notification Service (SNS), and Simple Storage Service (S3).
* Setting up alerts and configuring thresholds in AppDynamics to proactively detect and respond to performance issues.
* Experience with Golang testing frameworks and best practices for writing unit tests and integration tests to ensure code reliability and maintainability.
* Assessing business requirements and translating them into technical solutions using GCP services.
* Deploying and maintaining applications and services on GCP.
* Expertise in Golang testing methodologies, including unit testing, integration testing, and end-to-end testing, ensuring code reliability and continuous integration.
* Used Chef to deploy the infrastructure required to build development, test, and production environments for a software development project utilising AWS Cloud Formation and AWS Ops Works.
* Integrating and transforming data from various sources into GCP's data storage and processing services, such as BigQuery or Cloud Storage.
* Worked with Terraform to design and version infrastructure on AWS with reliability. Utilized Terraform main capabilities, including Infrastructure as Code, Execution Plans, Resource Graphs, and Change Automation, to create resources and automate infrastructure management on AWS.
* Automating infrastructure provisioning and configuration using tools like Kubernetes or Cloud Deployment Manager.
* Implemented multi-factor authentication (MFA) with ForgeRock Adaptive Authentication, enhancing security and user confidence in accessing sensitive data and services.
* Designed and deployed a multi-cloud identity federation solution using Forgerock to enable secure access to applications across different cloud providers.
* Planned and executed Forgerock software upgrades, ensuring the latest security patches and feature enhancements were applied.
* Utilized Dynatrace advanced analytics capabilities to proactively detect and resolve potential performance bottlenecks, minimizing downtime and ensuring uninterrupted service for critical applications.
* Worked in moving ancient and monolithic systems to Amazon Web services using Terraform. use Jenkins to set up the build and deployment automation for terraform scripts.
* Previously launched manual instances where automated using Terraform scripts. extensive use of Terraform for infrastructure as code, execution strategies, resource graphs, and change automation.
* Puppet modules for continued integration, continued deployment of managed goods, and associated services were developed using Jenkins.
* In charge of User Management, Plugin Management, and Jenkins-based End-to-End Build and Deployment Process Automation.
* Worked on all Jenkins-related issues, including Plugin Management, Jenkins Security, Performance Issues, Analytics, Scaling Jenkins, and combining Code Analysis and Test Phases to finish the CD pipelines in Jenkins.
* Created custom OPA plugins to integrate with external systems such as LDAP and Active Directory, enabling seamless policy enforcement across multiple environments.
* Developed and maintained a centralized policy library using OPA, allowing for easy policy versioning and change management.
* Setup the Jenkins AWS Code Deploy plugin for AWS deployment. written playbooks, defined roles, and installed Ansible Tower to roll out settings to various environments.
* Implemented robust backup and recovery strategies, utilizing industry-standard technologies and practices to minimize data loss and downtime in case of system failures or disasters.
* Microservices were implemented on the Kubernetes cluster, and operators were set up for the applications, as well as for Deployments, ConfigMaps, Secrets, and Services.
* Wrote CHEF recipes for automating the installation and updating of UDeploy agents as well as the installation and configuration of UDeploy agent relays.
* Contributed to building our Cloud infrastructure in AWS. Automated Cloud deployments using chef, python, and AWS Cloud Formation templates.

**Environment:** Chef, AWS, python, Splunk, Microservices, Frogerock, Golang, App dynamics, Tomcat, Kubernetes, ant, maven, ADF, Databricks, Jenkins, CI/CD, redshift, DynamoDB, terraform, .net, Datadog, CloudWatch, Elastic Cache, Lambda, SNS, Glacier, Cloud Formation, Dynatrace.

**Opal Healthcare, Sunshine Coast, QLD, Australia Oct 2019-Jan 2021**

**DevOps Engineer**

**Responsibilities:**

* Experience in programming, administration, support, debugging, and RDBMS across a variety of products on UNIX, Linux, VAX/VMS, Windows, and other distributed platforms.
* Enabled logging on EC2 application servers, Lambda, RDS, DynamoDB, CloudFront, IAM, AWS settings, VPC traffic, CloudTrail, and S3 bucket access.
* Using automation and configuration management technologies like Ansible and Jenkins, managed infrastructure for Amazon Web Services.
* Utilized Datadog's anomaly detection and forecasting features to proactively identify abnormal behavior and potential issues.
* Implementing and maintaining security measures and best practices on GCP before occurring of any disaster.
* Successfully utilized AppDynamics' transaction snapshots and call graphs to troubleshoot and optimize application performance.
* Developed efficient algorithms and data structures in Golang, optimizing performance and reducing resource usage in critical application components.
* Ability to troubleshoot complex issues and debug Golang applications, ensuring timely resolution of critical production incidents.
* Contributed to the open-source OPA project by submitting bug reports and feature requests, as well as providing feedback on new releases.
* Conducted training sessions and workshops to educate developers and operations teams on OPA best practices and use cases and Implemented OPA as a sidecar container in a service mesh architecture, enabling fine-grained policy enforcement for service-to-service communication.
* Automating infrastructure provisioning and management using tools like Terraform or Deployment Manager.
* Created parent-child connections between projects to manage Maven project dependencies.
* Building and maintaining data lakes, data warehouses, or data mart solutions on GCP.
* Ability to create custom dashboards in AppDynamics to visualize application performance metrics and identify performance bottlenecks, and real-time insights into system performance and resource utilization by datadog.
* Created S3 buckets, implemented policies, customised the JSON template, and used IAM role-based policies.
* Optimizing and scaling machine learning workflows for performance and efficiency on GCP.
* Responsible for implementing the Continuous Integration and Continuous Delivery process utilising Jenkins and shell and Python scripts to automate repetitive tasks.
* Using Ansible as a tool for configuration management. Created an Ansible playbook to automate the recovery procedure if the OpenShift Master fails.
* Good Hands-on Experience on of Python and Scala, enabling effective development and optimization of Spark and PySpark code.
* Proficient in monitoring and troubleshooting Azure Data Factory and Azure Databricks workflows, identifying performance bottlenecks, and optimizing data processing pipelines.
* Hands-on experience coordinating, connecting, and deploying container-related services using technologies like Docker Compose, Kubernetes, etc.
* Successfully orchestrated the recovery of critical systems during actual incidents, ensuring minimal disruption to operations and meeting defined recovery objectives.
* Using a pipeline groovy script, applications are automatically deployed and validated using the Jenkins pipeline.
* Working knowledge of tools for monitoring system health and performance, such as Nagios, Zabbix, Splunk, CloudWatch, New Relic, Elasticsearch, Kibana, and AppDynamics.
* Enhanced and performance-related problems in the main product written in GO (Go Lang) were fixed.
* To automate operations in the Azure Cloud, use Azure Automation, PowerShell, Chef, and Ansible.
* Construct and maintain Kubernetes-managed Docker container clusters on the GCP,pytused Kubernetes and Docker as the CI/CD system's runtime environment to develop, test, and deploy.
* Configuring, automating, and maintaining build and deployment CI/CD tools for many environments (Local/POC/NON-PROD/PROD) with high levels of consistency for both infrastructure and application stack automation (ECS) in the AWS cloud platform.
* Conducted disaster risk assessments and implemented proactive measures to mitigate potential risks to the organization's IT infrastructure, including data replication, redundant systems, and off-site backup storage.
* Worked on the design, installation, and implementation of the Ansible configuration management system as well as the creation of YAML-based playbooks for Ansible and the deployment of apps.
* Experimented with Ansible playbooks and Ansible application deployment.
* Knowledge of dashboards for metrics reporting to multiple teams and JIRA/Confluence queries.
* NFS servers were set up as the OpenShift storage backend, and different storage claims for developers were defined.
* Leading an ongoing integration project for Redhat OpenShift, Dockers, and collaborating with developers on application containerization efforts for PaaS development.
* Automated local user provisioning has been implemented in instances built using Ansible in the OpenStack cloud.
* MAVEN was used as the build tool to create build artefacts (WAR files) utilising build scripts.
* Used ANT and MAVEN as a build tool on java projects for the development of build artifacts on the source code. Converting the ANT Build projects to Maven Build projects.

**Environment**: AWS EC2, S3, RDS, AMI, IAM, Redshift, Lambda, Chef, Java, Git, Jenkins, Terraform, App dynamics ,Python, Linux, Bash, Groovy, Rest API, Ant, Maven, Nexus, U-deploy, SQL, Cloud Formation, Spark,Datadog, Scala, OpenShift, Cassandra, Selenium, UNIX, SVN, Docker, Jira, Python, Ruby, Shell Scripts, Tomcat, Ansible, Splunk.

**XAM Consulting, Melbourne, VIC, Australia Jan 2017-Sep 2019**

**Cloud Engineer**

**Responsibilities:**

* Worked on multiple areas of Jenkins like Plugin Management, Securing Jenkins, Performance issues, Analytics, Scaling Jenkins, integrating Code Analysis and Test Phases to complete the CD pipelines within Jenkins.
* Implemented Jenkins pipeline jobs to create Azure Infrastructure from GitHub repositories containing Terraform code and created on-premises active directory authentication using automation with ansible play books.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Installed Jenkins plugins for GIT Repository, Setup SCM Polling for Immediate Build with Ant and Maven Repository Nexus, Artifactory and Deployed Apps using custom ruby modules through Puppet as a CI/CD process.
* Worked on Ansible Playbooks with Ansible roles. Created inventory in Ansible for automating the continuous deployment. Configure the servers, deploy software, and orchestrate continuous deployments or zero downtime rolling updates.
* Proficient in creating and managing Databricks workspaces, clusters, notebooks, and jobs for data processing and exploration.
* Implemented real-time data processing pipelines using Spark Streaming, enabling the ingestion and analysis of streaming data with low latency.
* Implemented Ansible Tower for managing complex network deployments by adding control, knowledge, and delegation to Ansible powered environments.
* Building end-to-end data pipelines using Spark and PySpark, orchestrating data workflows, scheduling jobs, and ensuring data quality and reliability.
* Developed Python Modules for Ansible Customizations. Used Ansible to document all infrastructure into version control.
* Provisioned load balancer, auto scaling group and launch configuration for microservices using Ansible. Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
* Installing, upgrading, and configuring Linux Servers using Kickstart as well as manual installations and the recovery of root password.
* Set up Jenkins server and build jobs to provide Continuous Automated builds based on Polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins, Git, and Maven.

**Environment:** Git, Ansible, Python, CI/CD, Jenkin, Docker, Data bricks, ADF, Linux, Kickstart, Maven, Spark, Azure, ruby, Puppet, microservices, Docker, SCM.

**NMG Technologies, India Jun 2014-Jul 2016**

**Build and Release Engineer**

**Responsibilities:**

* Employed CI technologies to initiate the builds' transition from one environment to another while developing the builds utilising ANT and MAVEN as build tools.
* Took part in the product's release cycle, which takes place in settings including production, QA, and development.
* Conceived and created shell scripts.
* Jenkins, a tool for continuous integration, was used to automate the build procedures.
* Accessed the repositories using the version control system GIT and worked with CI tools while doing so.
* Maven and GIT have been integrated to manage and deploy tags linked to projects.
* GIT was set up, installed, and used to communicate with the GITHUB repository servers.
* Daily Subversion / GIT assistance for various projects as required.
* Created and maintained branches, tags, and Subversion/GIT repositories.
* Assistance with the whole release process, from the creation of release content through the actual deployment of the release to production.
* Confirmed the accuracy and repeatability of the procedures used to develop and replicate software builds.
* Built the Data Source Views by specifying and identifying the Data Source.
* Accordance to the build life cycle, deployed the build artefacts into environments like QA and UAT.

**Environment**: Tools: ANT, MAVEN, Apache Tomcat, Shell, Perl Scripting, Subversion, Jenkins, Windows 2000/XP, LINUX, UNIX, GIT, GITHUB, Puppet.