**Name : Srikar K**

**Sr.Devops Engineer(Az900 Certified)**

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

**Ph no: +1(469) 415 9783**

**Work Authorization : H1B**

**Location : Washington DC**

**Linkedin** :  <http://linkedin.com/in/srikar-reddy-katta-1968a2176>

**Professional Summary:**

*IT professional with* ***around 8 years*** *of experience which includes* ***Cloud/DevOps Engineer, Build/Release Management, Linux administration, System administration and Cloud Management*** *in all phases of* ***SDLC*** *like* ***Analysis, Design, Development, Deploying, Testing and Maintenance*** *of various applications. and understanding their business needs.*

* In-depth knowledge of **DevOps** management methodologies, Software Development Life Cycles and Agile Programming Methodologies.
* Experience in **Google Cloud Platform (GCP)** to build, test and deploy applications on Google's framework for the web, portable, and backend arrangements.
* Experience on **Google Cloud Platform (GCP)** GCE instances, assigning **IAM** for projects, integrating different **GCP** tools **Big Query, Storage SQL, TPU, GPU, Kubernetes cluster**in **GKE.**
* Good knowledge in **GCP** which includes different services like **google compute engine, google cloud functions, Auto Scaler, Cloud Storage, Google Kubernetes Engine (GKE)**and **cloud big table**.
* Hands of experience in **GCP, Big Query, GCS bucket, G - cloud function, cloud dataflow, Pub/suB cloud shell, GSUTIL, BQ command-line utilities, Data Proc, Stack driver.**
* Worked on Docker container clusters which are managed by **Kubernetes Linux, Bash, GIT, Docker,** on **GCP (Google Cloud Platform)**. Utilized **Kubernetes** and **Docker** for the runtime environment of the CI/CD system to build, test deploy.
* Hands-on experience Designing, planning and implementation for existing on-aises applications to **Azure Cloud** (ARM), Configuring and deploying **Azure Automation Scripts** utilizing **Azure stack** (Compute, Web and Mobile, **Blobs**, **ADF**, **Resource Groups, Azure Data Lake, HDInsight Clusters, Azure Data Factory, Azure SQL, Cloud Services and ARM),** Services and Utilities focusing on Automation.
* Excellent knowledge in Azure compute services, **Azure WebApps, Azure Functions, Azure Data Factory, Azure Media, Azure Networking,** **Azure Hybrid Integration, Azure Identity** and **Access Management**.
* Well versed in various Azure services like Compute (Web Roles, Worker Roles), **Azure Active Directory**, **Azure Web sites, SQL, NoSQL, Network services, API Management, Caching, Scheduling, Auto Scaling** and **PowerShell Automation**.
* Experience in Azure Cloud Services (**PaaS & IaaS & SaaS**), Storage, **Active Directory**, Azure Application **Insights, Logic Apps, Service Bus, Traffic Manager,** **Azure Monitoring, Azure OMS, Key Vault, Cognitive Services** (LUIS) **and SQL Azure, Cloud Services, Resource Groups, ExpressRoute, Load Balancing, Application Gateways.**
* Experience in dealing with **Windows Azure - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways,** and **Auto-Scaling**.
* Well versed with deadline **pressures, superior analytical, time - management, collaboration, communication and problem-solving skills.**
* Experience in **Linux System Administration, Build Engineering & Release Management process, including end-to- end code configuration, building binaries & deployments** and **entire life** cycle model in Enterprise Applications.
* Experience with **Jenkins**, **Hudson** as Continuous Integration / Continuous Deployment Tool and strong expertise with **Ant** and **Maven** Build Frameworks.
* Experience with **SaaS** (Software as a Service), **PaaS** (Platform as a Service), and **IaaS** (Infrastructure as a Service) solutions.
* Experienced in authoring **pom.xml** files, performing releases with the **Maven** release plug-in and managing Maven repositories.
* Involved in **ARTIFACTORY** Repository Managers for **MAVEN** and **ANT**.
* Hands on experience in **AWS** provisioning and good knowledge of AWS services like **EC2, S3, Glacier, ELB, RDS, Redshift, IAM, Route 53, VPC, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups.**
* Skilled in monitoring servers using **Nagios, Datadog, Cloud watch** and using **ELK Stack, Elastic Search**.
* Created tagging standards for proper identification and ownership of **EC2** instances and other **AWS** resources.
* Experience with **Version Control** Systems like **GIT, CVS, SVN (Subversion), ACCUREV, Perforce**.
* Monitor, build and deploy software releases and provide support for production deployments.
* Build and deploy releases using **Perforce, WebLogic, tomcat, Git, bamboo, Source tree, XL Deploy, XL release, Quick Build.**
* Configured **JENKINS** Monitor, List and Build views to displays the status and progress of selected jobs with build version information.
* Automated application deployment in the cloud using **Docker** technology using **Elastic Container Service scheduler.**
* Created and managed a **Docker** deployment pipeline for custom application images in the cloud using **Jenkins**.
* Experience in working with automation tools like **CHEF, PUPPET and ANSIBLE.**
* Experience with Configuration Management automation tool Ansible and has worked on integrating **Ansible YAML Scripts.**
* Fulfilling the role of a **DevOps** engineer in respect to our **PUPPET** code. Responsible for QA code merges.
* Used Ansible for configuring and managing multi-node configuration management over **SSH** and **PowerShell**.
* Deployed and configured **Chef** Server including bootstrapping of **chef-client nodes** for provisioning.
* Created roles, recipes, cookbooks and data bags for server configuration.
* Involved in the functional usage and deployment of applications in **Apache Tomcat**and**Web Logic Server**.
* Configured and Deployed application packages on to the **Apache Tomcat server**. Coordinated with software development teams and QA teams.
* Expertise in Server infrastructure development on **AWS Cloud** and **Microsoft Azure.**
* Updated the **Azure** instance count for production services of **Redbox**.
* Focused on containerization and immutable infrastructure. **Docker** has been core to this experience, along with **Mesos, Marathon**and**Kubernetes**.
* Experience of working with the release and deployment of large-scale **Java/J2EE** Web applications.
* Experience in building & deploying **Java/SOA** applications and troubleshooting any build & deploy failures.
* Ability in development and execution **of XML, Ruby, Shell Scripts and Perl Scripts, Power shell, Batch scripts** and **Bash also.**
* Worked with different Bug tracking tools like **JIRA, Remedy** and **Bugzilla**.
* Good Knowledge in developing advanced web-based applications using **ASP.Net, C#, JavaScript, Web Services**and **Databases like Oracle, SQL Server.**
* Used **Kubernetes** to deploy scale, load balance, scale and manage docker containers with multiple namespaced versions.
* Knowledge on Real User Monitoring solutions like **Dynatrace, New Relic, Soasta Impulse** etc.
* Ability to quickly understand, learn and implement the new system design, data models in a professional work environment.
* Direct Interaction with US Client, Offshore-Onsite co-ordination to gather requirements and document them.
* Have strong communication, creative and logical thinker and have exceptional ability to master new concepts.
* Worked in a team environment and coordinated with business/functional team.

**EDUCATIONAL DETAILS:**

* **Master’s** in **computer science** from **Bowie State University**, MD.
* Bachelor of Technology in **Electronics and Communications**, **Jawaharlal Nehru Technological University**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Cloud Platforms** | Azure, AWS, GCP, OpenStack |
| **Configuration Management Tools** | Ansible, Chef, Puppet |
| **CI /CD Tools** | Jenkins, Bamboo |
| **Build Tools** | Maven, ANT |
| **Containerization Tools** | Docker, Kubernetes, OpenShift |
| **Version Control Tools** | GIT, Bitbucket, SVN |
| **Logging & Monitoring Tools** | Nagios, Splunk, ELK, CloudWatch, Azure Monitor, New Relic, Logstash & Kibana(ELK), JIRA. |
| **Scripting & Programming Languages** | Python, Bash/Shell, Perl, PowerShell, Ruby, JavaScript, C, PHP, Java/ J2EE, .Net |
| **Databases** | Oracle 10g/11g/12c, DB2, MySQL, NoSQL (MongoDB, DynamoDB, Cassandra), |
| **Application/Web Servers** | Apache Tomcat, NGINX, JBoss, WebSphere, Web Logic. |
| **Operating Systems** | UNIX, Linux, Windows, Solaris. |
| **Virtualization Platforms** | Oracle VirtualBox, VMware Workstation, Vagrant, VMware. |
| **Bug Tracking Tools** | JIRA, Bugzilla, Remedy, Rallydev. |
| **Scripting** | Perl, Python, YAML, Ruby, PHP, Bash, Shell, PowerShell, JSON. |

**PROFESSIONAL EXPERIENCE:**

**Client: Office of Child Support Services (H.H.S) – Washington, DC Dec 2022 – Present.**

**Role: Senior Devops Engineer**

**Project Description:** OCSS is the federal agency that oversees the national child support program.  
We partner with federal, state, tribal and local governments and others to promote parental responsibility so that children receive support from both parents even when they live in separate households. We as a team were responsible for playing as liaison between the companies and the govt. to make sure to inform the list of employees owed child support and perform Devops duties keeping the systems open also for the new clients to register with us. We handle multiple apps that are part of this program.

**Responsibilities:**

* Responsible for implementing containerized based applications on Azure Kubernetes by using **Azure Kubernetes service (AKS), Kubernetes Cluster**, which are responsible for **cluster management, Virtual Network to deploy agent nodes, Ingress API Gateway, MySQL Databases and Cosmo DB** for stateless storage of external data, and setup reverse proxy Nginx in the cluster.
* Deployed and optimized two tier **Java, Python** web applications **to Azure DevOps CI/CD** to focus on development by using services such as Repos to **commit codes**, Test Plans to unit test, **deploy App Service**, **Azure Application Insight** collects health performance and usage data of the process, stored artifacts in **blob storages**.
* Managed Azure Infrastructure **Azure Web Roles, Worker Roles, SQL Azure, Azure Storage, Azure AD Licenses**. Virtual Machine Backup and Recover from a Recovery Services Vault using Azure PowerShell and Portal.
* Serverless framework for deploying Multiple **Lambda Functions, IAM Roles API Gateway and containerizing those Functions** in such a way that So that can be Platform Independent.
* Practical experience of spinning up multiple resources in minutes using **ARM templates** to reduce repetitive work .
* Created Templates for **Azure Infrastructure as code** using **Terraform** to build staging and production environments. Integrated **Azure Log Analytics** with **Azure VMs** for monitoring the log files, store them and track metrics and used Terraform as a tool, Managed different infrastructure resources Cloud**, VMware, and Docker containers.**
* Working with **Ansible tower** to manage Web Applications, Config Files, Data Base, Commands, User Mount Points, Packages and for running playbooks stream in real-time and amazed to see the status of every running job without any further reloads.
* Managed Azure Container Registry to store private **Docker** images, which are deployed and Azure pipelines to build, test, and deployments. Azure Monitor to collect metrics and logs. Configured Monitor to track performance and maintain security, and used Splunk tool to collect metrics, queries.
* Configured Cloud Network Architecture using **Azure Virtual Networks, VPN** and **Express Route** to establish connectivity between on-premise and Cloud .
* Developing **PowerShell scripts** and **ARM templates** to automate the provisioning and deployment process.
* Installed **patches** on Windows and Linux servers using Automation scripts.
* Implementing Azure Custom Policies . These policies allow customers to define their own rules for using **Azure**.
* Providing technical orientation sessions and guidance for New App Teams .
* Handling escalated support tickets till closure for **MS Azure IaaS platform**.
* Coordinate with vendors like **Atlassian, JFrog** to review system information, troubleshoot Level 1 to Level 3 issues, reports bugs and submit improvements.

**Environment:** Azure DevOps, Kubernetes, Docker ACS & AKS, Prometheus, Splunk, Terraform, Ansible, Jenkins, Git, Azure Boards, Maven, SonarQube, Python, PowerShell, YAML, VSTS, Visual Studio Code, Tomcat, Nginx, Linux, Windows servers 2012/2016

**Client: GEICO Insurance Corp. – Chevy Chase, MD June 2021 – Dec 2022**

**Role: Senior Cloud Engineer**

**Project Description:** GEICO Technology Solutions is looking for a dynamic, highly motivated and delivery-oriented Cloud Software engineer for an exciting opportunity in our DevOps team.  Our department delivers complex and mission critical systems for GEICO’s underwriting and rating needs and this team is responsible for its DevOps and Configuration Management needs.

**Responsibilities:**

* Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
* Working on System and platform integration in a large enterprise **Linux-base environment**
* Installed and configured Linux, SuSe& Red hat 5.x, 6.x, 7.x on Dell Power Edge (710,720 and 730), using Kickstart with PXE for LAMP (**Linux, Apache, MySQL and Perl/PHP**) installations.
* Worked with **Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
* Migrated 9 **microservices** to **Google Cloud Platform** from **skava** and have one more big release planned with 4 more microservices.
* Completed set up of CD environment with focus on **UrbanCodeDeploy**.
* Designed and implemented automation deployment using **Urban Code** and **Cruise** to promote major releases, monthly releases, and patches from **Development -> Integration/QA -> Staging/UAT -> Production**.
* Used **Azure Terraform** to deploy the infrastructure necessary to create development, test, and production environments for a software development project.
* Build tool, **Maven** used it on **Java projects** for the development of build artifacts on the source code.
* Used **Ansible** for configuration management of hosted Instances within **GCP**. Configuring and Networking of **Virtual Private Cloud** (VPC).
* Wrote, maintained, reviewed and documented modules, manifests, Git repositories for **Puppet** Enterprise on **RHEL** and Windows platforms.
* Worked, managed **Ansible** Playbooks with **Ansible** roles, group variables, inventory files, copy and remove files on **remote systems** using **file module**.
* Administered and supported **GitHub** **Enterprise** version control tool.
* Set-up databases in **GCP** using **RDS**, storage using **S3** bucket and configuring instance backups to S3 bucket. prototype CI/CD system with **GitLab** on **GKE** utilizing **kubernetes** and **Docker** for the runtime environment for the CI/CD systems to build and test and deploy.
* Work with orchestration tools like **Terraform**, **Chef** and leverage modern tools like **Vault**, **Consul**, **Kubernetes**, **Docker**, **Kafka**, etc.
* Hybrid Environment between **VMware/Azure/Google Cloud Platform**.
* Working on the migration of mobile application from **skava** to cloud (Google Cloud) by making the chunk of code to **microservices**.
* Very good understanding of **Microservices** architecture, adapting Industry best practices for Microservices while we break down existing apps into **micro services**.
* Created **dynamic routing/load** balancing capability enabling large application scaling, used ingress rules and Ingress Controllers - **Nginx**.
* Point team player on **Kubernetes** for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside, Creation of Pods through new application and control the scaling of pods, troubleshooting pods through ssh and **stackdriver/splunk logs**.
* Orchestrated CI/CD processes by responding to **Git triggers, human input, and dependency chains** and environment setup.
* Provide the permissions and required access to all the pub/subtopics and sinks to push/write the data to **Stackdriver**.
* Setup Alerting and monitoring using **Stackdriver** in **GCP**.
* Create custom log metrics using **Stackdriver logging** and create charts and alerts using the custom log metrics.
* Used various **Golang technologies** on **Linux platforms** and implemented and tested the RESTful web services and **API's** in **Go**.
* Worked on google stack driver agent and **Puppet** stack driver installation by using the **python** and **Golang** scripting.
* Building/Maintaining Docker/ Kubernetescontainer **clusters** managed by **Kubernetes Linux, Bash, GIT, Docker,** on **GCP**
* Worked with **OpenShift** platform in managing **Docker containers** and **Kubernetes Clusters**.
* Experience in Configuration and Administration Patch and **Packages management**.
* Excellent Knowledge in Capacity Planning and Performance tuning.
* Worked with Team leads and Managers to resolve production issues.

**Environment:** Solaris 8/9/10, Cent OS 5.x/6.x, Red Hat Linux 4/5/6, BMC Tools, NAGIOS, Azure, NetBackup, Korn Shell, Java/J2ee, Eclipse, Ansible,GKE, GCP, (Google cloud),Maven, Terraform Anthill Pro, Docker, Subversion, SVN, GIT, Python, Ruby, Nexus, Sonar, Jenkins,Tomcat,BASH, UNIX, JVM etc.

**------------------------------------------------------------------------------------------------------------------------------**

**Client: ERNST & YOUNG – Alpharetta, GA February 2019 – June 2021**

**Role: Senior Cloud Engineer**

**Project Description**: Walk-In is the largest processor of walk-in bill payments in the United States. For more than 20 years, it has been the leader in the industry, providing reliable bill payment services through its nationwide network of agents. It was built on old technologies and needs to upgrade to cope up with latest technologies to provide customers with much faster and convenient user experience.

**Responsibilities:**

* Built and Installed servers through **Azure** **Resource Manager (ARM)** **Templates** or **Azure Portal**. Migrating On-premises virtual machines to **Azure** **Resource Manager (ARM)** Subscription with **Azure Site Recovery.**
* Utilized **ARM template** to build high-availability **SQL** for application backend infrastructure and virtual machine front-end scale sets, with multiple servers for other dedicated functions, including reporting, scripting and scheduling.
* Performed configuration of **Azure** **WebApps**, **App services**, **Application insights**, **Azure DNS**, **Azure Network Watcher** and implementing **Azure** **site recovery**, **Azure** **stack, Backup and Automation**.
* Created **Azure** **Automation Assets,** **Graphical runbooks**, **PowerShell runbooks** that will automate specific tasks. Expertise in deploying **Azure** **AD Connect**, configuring **ADFS authentication flow**, **ADFS** installation using **Azure** **AD Connect.**
* Automated a portfolio of scripts using **Azure** **automation tool**. Created **ad hoc scripts** to add a virtual machine using Desired State configuration tool. Provided real time predictions by using **Azure** **Stream Analytics** and used **Azure** **IOT Hub** for Monitoring Assets and Telemetry Ingestion.
* Deployed **Azure** **IaaS virtual machines** (**VMs**) and Cloud services (**PaaS role instances**) into secure **VNets and subnets**. Configured **Azure Traffic Manager** to build routing for user traffic Infrastructure Migrations: Drive Operational efforts to migrate all legacy services to a fully Virtualized Infrastructure.
* Used **Azure Kubernetes Service** to deploy a managed **Kubernetes cluster** in **Azure** **portal,** with the **Azure** **CLI**, also used template driven deployment options such as **Resource Manager templates** and **Terraform.**
* Worked with **AWS API** to manage resources on **AWS** for many services such as **EC2, S3, VPC, CloudWatch, ELB**, **Auto-scaling** and **SNS,** created **python script** using **AWS API** calls to manage all resources deployed on **AWS.** Integrated **AWS DynamoDB** using **AWS Lambda** to store the values items and backup the **DynamoDB streams.**
* Created **AWS** cloud formation templates to create custom sized **VPC,** **subnets, EC2** **instances**, **ELB, security groups**. Managed other **AWS** Services like **S3, Cloud Front, Cloud Watch, RDS, Kinesis, Redshift Cluster, Route53, SNS, SQS, Cloud Trail** and ensured **data integrity** and **data security** on **AWS** technology by implementing **AWS** best practices.
* Created **IAM** policies for administration in **AWS** to assist type applications and teams across local geographical and remote areas. Transferred data from Datacenters to cloud using **AWS** **Import/Export Snowball service.**
* Designed and converted existing **AWS** infrastructure to 'Server-less' architecture deployed via **Terraform** which includes **AWS** **Elastic Beanstalk** for app deployments and worked on **AWS** **Lambda** with **Amazon Kinesis** and integrated **Dynamo DB** using **Lambda** for value storage and for streams backup.
* Worked on **AWS Lambda** to run the code in response to events, such as changes to data in an **Amazon S3 bucket**, Amazon **DynamoDB table,** HTTP requests using **AWS** **API** **Gateway** and invoked the code using API calls made using **AWS** **SDKs.**
* Implemented a **Kubernetes** **Container Orchestration** solution within **AWS**, leveraging **KOPS,** which allows easy management, creation and recovery of **AWS** **assets**.
* Used **Docker** to containerize custom web applications and deployed on Digital Ocean with **Ubuntu** instances through **SWARM Cluster** and automated application deployment in cloud using **Docker HUB**, **Docker** **Swarm**, and **Vagrant**.
* Worked on creation of **Docker containers**, **Docker files** and **Docker consoles** for managing the application life cycle, configured deployment automation of all the microservices to pull image from the private docker registry and deploy to **docker swarm** **cluster.**
* Configured applications that run multi-container **Docker** applications by utilizing the **Docker-Compose** tool which uses a file configured in **YAML** **format.** Installed **Docker** **Registry** for local upload and download of **Docker** **images** and from **Docker Hub**. Created **Docker files** to automate the process of capturing and using the images.
* Developed pipe-lining workflow that created Dockerized individualized development environments code commits trigger builds in **Jenkins**, creating and storing a new **Docker image** in a local **Docker registry** to be used downstream of build.
* Wrote **Ansible** **Playbooks** with **Python,** **SSH** as the Wrapper to Manage Configurations of **AWS** **Nodes** and Test **Playbooks** on **AWS** instances using **Python**.
* Maintained high availability clustered and standalone server environments and refined automation components with scripting and configuration management (**Ansible**) and worked on writing **Ansible** **playbooks.**
* Used file module in **Ansible** **playbook** to copy and remove files on remote systems. Implemented and designed **AWS** **virtual servers** by **Ansible roles** to ensure deployment of web applications.
* Extensively worked on **Continuous Integration (CI)** and **Continuous Deployment (CD)** process by automating build on time basis using **Jenkins**. Designed the project workflows/pipelines using **Jenkins** for Continuous Integration and deployment into different Web/Application Server
* Integrated **Jenkins** with various Build tools to achieve successful implementation of **Jenkins CI/CD** **pipeline.** Configured and administered **Jenkins** into **Tomcat** **Application Server** jobs and template workflows to improve reusability for building pipelines.
* Authoring **pom.xml** files, performing releases with the **Maven** release plugin, and managing **artifacts** in **NEXUS** repository and wrote custom **settings.xml**
* Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on **Nagios** Event handlers in case of automatic restart of failed applications and services.
* Used **Nagios** for application logs, event logs, system logs, service logs on **Windows Servers and Linux Servers** **(Ubuntu, CentOS, RedHat)** and created **Cron Jobs** to alert the developers and engineers.
* Created multiple **Python GIT** hook scripts (**pre-push, post-push**) to ensure code quality for the code and created and maintained **GIT repositories** also analyzing and resolving the conflicts related to merging of source code.
* Created an end-to-end **ELK** stack that delivers actionable insights from almost any type of structured and unstructured data source, performed full-text search and have analyzed high volumes of data.
* Configured network and server monitoring using **Grafana**, **ELK Stack** with **Log spout** & **Nagios** for notifications alerts and Using **ELK** (**Elastic Search Log Stash** **Kibana**) stack for log management and Creating **Kibana** visualizations to analyze the logs.

**Environment:** SVN, Maven, Ant, XL Deploy, Jenkins, Terraform, Hudson, Ansible, Apache Tomcat, shell, Perl scripting, Subversion, Puppet, JIRA, ServiceNow, Cloud Foundry, ClearCase, Windows, Python, Linux, Git.

**------------------------------------------------------------------------------------------------------------------------------**

**Client: FISERV – Alpharetta, GA June 2017 – January 2019**

**Role: Senior software Cloud Engineer**

**Project Description**: Bill Matrix Next Project is aimed at providing a configurable, multichannel electronic billing and payment platform that can be accessed both through Biller’s site and Banks’s site in a seamless way. Bill Matrix Next has been designed to help utility, insurance, lending, healthcare, telecommunication and financial services. Companies of all sizes meet their customers where, how and when they want to receive and pay bills.

**Responsibilities:**

* Build, manage, and continuously improved the build infrastructure for global software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment tools.
* Deployed **.NET** applications to application servers in an **Agile continuous integration environment** and **automated** the whole process.
* Build and maintain tools for deployment. **Design** and **develop** **Continuous Integration** and **Continuous Deployment** (CI/CD) pipelines using **Visual Studio Team Services (VSTS)** and **Jenkins**.
* Help architect, build and deploy secure infrastructure in support of Dispatch Dev teams including standards for **Docker environments, load balancers** and **Kubernetes Cluster**.
* Build, maintain, and monitor configuration standards.
* Use Container management tool, **Kubernetes** to deploy containers to clusters and do orchestration and command line interfaces for different systems.
* Worked on Installing **SSO** in **Linux** from scratch in Domain Controller Mode integrating **Azure** **Servers**, **Jboss** **Data grid servers, SQL database, monitoring tool** (Dynatrace), adding CI/CD pipeline, adding Security to the project.
* shifting on premise workloads into **Azure**.
* Mainly use **PowerShell** for Automation scripting and pulling out the server information and maintaining the servers.
* Creating **Azure virtual machines**, storage, Chat boxes, **Context delivery Network (CDN)**, Active Directory, Virtual Networks, Monitoring, and maintaining the dashboards.
* Handle and automate code deployments in all environments.
* Monitoring and Logging with the help of tools like **ELK** (Elastic search, Logstash and Kibana) and **Dynatrace**.
* Works on System Centre to get the Server’s information and create software Items for automation.
* Migration from QA to **Non-prod environment** as QA is being replaced with non-prod
* Use **monitoring** tools like **Dynatrace** to know the status of the server regarding the **Tomcat** and **Web logic** families and performance management, artificial intelligence for cloud operations.
* Provide Level 2 technical support.
* Worked on **Windows** and **Linux** operating systems.
* Use Visual Studio team services to follow up with day-to-day tasks and sprint activities.
* Experience using Cloud Service Providers primarily Microsoft Azure for building, designing and maintaining cloud-based applications.
* Experience in dealing with **Windows Azure IaaS** - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, Traffic Manager, VPN, Load Balancing, Application Gateways, and Auto-Scaling.
* Deployed the initial Azure components like Azure Virtual Networks, Azure Application Gateway, Azure Storage and Affinity groups.
* Implemented HA deployment models with Azure Classic and Azure Resource Manager.
* Deployed **Azure IaaS virtual machines** (VMs) and **Cloud services** (PaaS role instances) into secure **VNets** and **subnets**.
* Responsible to Configuring and managing **Virtual Machines**, Storage, network and applications using **Windows Azure portal**.

**Environment:** Azure, VSTS, Jenkins, Kubernetes, Docker, PowerShell, Dynatrace, Big Ip

**------------------------------------------------------------------------------------------------------------------------------**

**Client: Verizon – Ashburn, VA Sept 2016 – June 2017**

**Role: Software engineer**

**Project Name: Verizon Data Services**

**Responsibilities:**

* Responsible for analysis, design, implementation, management and maintenance of full software development life cycle (SDLC) project.
* Responsible for designing page layout using **HTML5**, **CSS3** along with JQuery to and adding dynamic functionality to each module.
* Implement user interface using **Model-View-Control** (**MVC**) pattern and Developed User Interface Screens using **ASP.NET MVC** and **C#.NET**.
* Wrote **SQL queries**, views and **stored procedures** using **T-SQL**.
* Assisted in the development of **WCF** RESTful web services using Entity Framework as the data access layer to **SQL Server**.
* Created Web **APIs** using **ASP.NET Web** API allow new web/client projects to leverage reusable data.
* Performed automated tests on the entire code using **Agile TDD**.
* Installation and administration of **RHEL 4.0/5.0** and **SUSE 10.x**.
* Configured kickstart server and updating/applying patches to the servers using Red Hat Satellite server.
* Remote system administration using tools like **SSH**, **Telnet**, and **Rlogin**.
* Planning and implementing system upgrades including hardware, operating system and periodical patch upgrades
* Managed and administrated of all **UNIX** servers, includes **Linux** **operating** **systems** by applying relative patches and packages at regular maintenance periods using **Red Hat Satellite server**, **YUM**, **RPM** tools.
* Worked in integrating **TFS** with **Visual Studio VSTS 2013 & 2015.**
* Planned and performed the upgrades to **Linux (RHEL 5x, 6x, SUSE 10, 11, CENTOS 5, 6)** operating systems and hardware maintenance like changing memory modules, replacing disk drives.
* Installation, configuration and administration of **VMware, Solaris Zones**, **Containers** and **LDoms**.
* Automation of jobs through **crontab** and **AutoSys**.
* Installing and setting up **Linux** Systems.
* Creating users, groups and setting file permissions to different groups and users.
* Monitoring servers using **Nagios** and troubleshooting the issues
* Upgrading the **repositories** and **OS patches**.
* Applied appropriate support packages/patches to maintain system integrity.
* Performed **capacity analysis, monitored** and **controlled disk space** usage on systems.
* Provided **CM** and Build support for more than 3 different applications, built and deployed to the production and lower environment.
* Defined and Implemented **Release Management Processes, Policies** and **Procedures**.
* Implemented, maintained and supported reliable, timely and reproducible builds for project teams.
* Used **Maven** dependency management system to deploy snapshot and release artifacts to **Nexus** to share artifacts across projects.

**Environment:** C#, .NET 4.5, ASP.NET MVC 5.0, WebAPI, NUnit testing, Visual Studio 2015, HTML, CSS, TFS, IIS 6.0/7.5, T-SQL, MS SQL Server 2014, SQL Server, Ant, Jenkins, Linux, Solaris, Python, Shell Scripting, WebSphere, Oracle

**Numeric Technologies Pvt Ltd. - HYDERABAD, INDIA June 2013 - July 2014 Role: .Net Developer**

**Responsibilities:**

* Participated in the design and development of the Web application **SQL Server 2008** database.
* Used **UML** for the Web application SDLC, this included creating several types of diagrams such as use case, activity, sequence, class and deployment diagrams.
* Created **T-SQL CRUD** queries for the application operations.
* Developed an application using **ASP.NET MVC** Web Application following software requirement specifications. Using **M-V-C pattern** with **Entity Framework**.
* Implemented Controllers to transfer data between Views and Models.
* Created a User Interface for the Product Management System with **ASP.NET MVC, C#, HTML, CSS and JQUERY**.
* Designed and implemented the View and Partial View using **Razor Engine**.
* Used **Entity Framework** to map **SQL database tables**.
* Developed code for operations between the application and the database using **LINQ** to **Entities**.
* Used **ADO.NET** for the database connectivity.
* Designed and used pop-ups for rich and easy users experience using **HTML, CSS, JavaScript**.
* Implemented **database, created tables,** wrote **stored procedures** and **triggers** using **MS SQL Server**.

**Environment**: Visual Studio 2010, ASP.NET MVC 4, C#, HTML5, CSS3, JavaScript, Bootstrap, SQL Server 2008, WCF, Visual C#, Razor, LINQ, AJAX, JSON, Entity Framework.