**MADHU BABU TATICHARLA**

**Azure DevOps Engineer**

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**PROFESSIONAL SUMMARY**

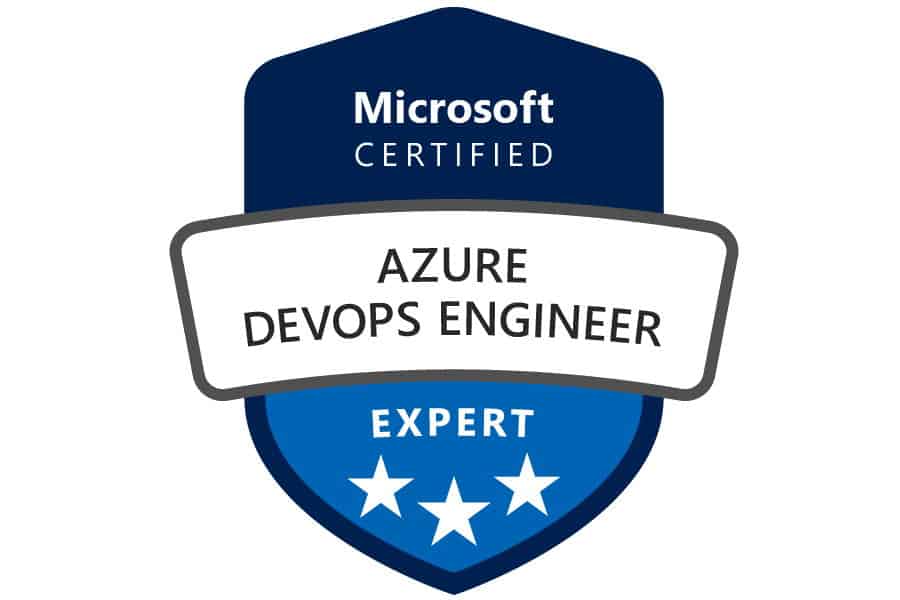
***Having a professional experience around 10 years of various roles including 7+ years as DevOps engineer with expertise in Azure Cloud, Git Action/TeamCity Pipelines, Resource Management (Ansible/Terraform), Scripting (Python/C#), Monitoring (Splunk/Data Dog), and Container Technologies (Azure ACI/Docker Desktop/Kubernetes), driving innovation in cloud-based technology solutions.***

* Expertise in installation, administration, configuration, performance tuning and troubleshooting of Red Hat Linux, CentOS, SUSE, Ubuntu, Solaris, and Windows.
* Expertise in Architecting and Implementing Azure Service Offering, such as Azure cloud services, Azure storage, IIS, Azure Active Directory (AD), Azure Resource Manager (ARM), Azure Storage, Azure, Blob Storage, Microsoft 365 suite, Azure VMs, SQL Database, Azure Functions, Azure Service Fabric, Azure Monitor, and Azure Service Bus.
* Proficiency in GitHub Enterprise administration, including repository management, access control, and integrations.
* Knowledge and experience in Agile methodologies such as Scrum and Kanban are essential for effective project management. Candidates should understand Agile principles and practices to facilitate iterative development and continuous improvement.
* Skilled in automating workflows and integrating automated processes into Azure DevOps pipelines to streamline project execution.
* Proven track record in creating informative dashboards and generating reports in Azure DevOps to provide stakeholders with real-time insights into project status and metrics.
* Familiarity with customizing work item templates in Azure DevOps to align with project requirements and optimize workflow efficiency.
* Excellent communication skills, enabling effective collaboration with project management teams, developers, and other stakeholders.
* Strong problem-solving abilities to address challenges and ensure the successful implementation and utilization of Azure DevOps in project environments.
* Expertise in designing and implementing CI/CD pipelines using GitHub Actions or similar tools.
* Strong understanding of infrastructure as code (IaC) principles and experience with tools like Terraform or Ansible.
* Familiarity with cloud platforms such as Azure, AWS, or Google Cloud, and the ability to deploy and manage infrastructure in these environments.
* Experience with containerization technologies like Docker and container orchestration systems like Kubernetes.
* Knowledge of monitoring and logging tools for infrastructure and applications, such as Prometheus, Grafana, and ELK Stack.
* Excellent troubleshooting skills and the ability to diagnose and resolve complex technical issues efficiently.
* DevOps experience with Puppet, Chef, AWS (OPS Work) and OpenStack.
* Configured and monitored distributed and multi - platform servers using chef. Defined Chef Server and workstation to manage and configure nodes.
* Proficiency in Microsoft Azure Cloud, including hands-on experience with Databricks, Data Factory, Data Lake, Cosmos DB, and Function apps
* Extensive experience using Build and Automation tools including ANT and Maven and working knowledge other build tools like MS Build, Groovy and Gradle.
* Proficient in Azure services including Azure Active Directory, Azure Virtual Machines, and Azure Networking.
* Knowledgeable in identity and access management concepts within Azure Active Directory.
* Familiar with collaboration solutions such as Microsoft Teams, SharePoint Online, and OneDrive for Business.
* Experienced in monitoring, management, and automation of tasks across Azure and M365 environments.
* Strong scripting skills in PowerShell for automation and configuration management.
* Proficient in providing user training, support, and documentation for M365 applications.
* Proven ability to design and implement comprehensive security controls to ensure the integrity, confidentiality, and availability of cloud resources.
* Skilful application of industry best practices and standards to fortify cloud environments against cyber threats and vulnerabilities.
* Proficient in conducting thorough risk assessments to identify potential security gaps and vulnerabilities within cloud infrastructure.
* Demonstrated track record of ensuring compliance with stringent regulatory frameworks such as GDPR, HIPAA, and PCI DSS, mitigating legal and regulatory risks effectively.
* Developed Chef Cookbooks and Recipes to manage systems configuration.
* Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like Subversion (SVN) and GIT.
* Worked on Azure DevOps Services like Azure Boards, Azure Repo’s, Azure Pipelines, Azure test plans and Azure Artifacts.
* Hands-on experience in Azure Cloud Services (PaaS & IaaS), Storage, Web Apps, Active Directory, Azure Container Service, VPN Gateway, Content Delivery Management, Traffic Manager, Azure Monitoring, OMS, Key Vault, Visual Studio Online (VSO), Cognitive Services (LUIS) and SQL Azure.
* Hands on experience on Backup and restore Azure services and in Design and configure Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing, Azure cloud services, Blob storage, Active directory, Azure Service Bus, Cosmos DB.
* Experience on complete software development life cycle (SDLC) with software development models like Agile, Scrum Model, JIRA, Waterfall model.
* Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic.
* Experience in designing, orchestrating, and monitoring data pipelines using Azure Data Factory to efficiently move, transform, and process data across on-premises and cloud environments.
* Good Exposure on Virtualization and Containers (Docker) and Hypervisors ESXI, ESX.
* Ability to build deployment, build scripts and automated solutions using scripting languages such as Shell scripting (kasha, Bash), Python, Ruby, PHP PERL.
* Knowledge of security best practices and PCI compliance standards, ensuring that the deployed solutions meet required security and compliance standards.
* Extensively worked on Jenkins and Hudson by installing, configuring and maintaining for continuous integration (CI) and for End to End automation for all build and deployments.
* Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.
* Installed and Managed Jenkins and Nexus for CI and Sharing Artifacts respectively within the company.
* Experience in using Nexus Repository Managers for Maven builds.
* High exposure to REMEDY and JIRA defect tracking tools for tracking defects and changes for Change management.
* Configuring network services such as DNS, NFS, SMTP, NTP, DHCP, LDAP, SAMBA, SQUID, postfix, send mail, ftp, remote access, security management and Security troubleshooting skills.
* Experience with MongoDB, MSSQL, MySQL and Server DB Tasks.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Familiar with network tool Nagios and cacti.
* Experience in Installing, upgrading and configuring Red Hat Linux.
* Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
* Excellent communication, team membership and relationship management skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Operating Systems** | Windows | Linux (CentOS, Ubuntu, RedHat) |
| **Cloud Platforms** | Microsoft Azure| Amazon Web Services (AWS)| OpenStack| GCP |
| **Container Tools** | Docker| Kubernetes| AWS ECS| AKS| GKE| ACR |
| **Logging and alerting** | ELK stack| Splunk| Cloud Watch| SNS |
| **Build Tools** | ANT| MAVEN |
| **Automation Tools** | Jenkins| Puppet| Chef| Ansible| TeamCity| Bamboo| Terraform |
| **Application Servers** | Apache Tomcat| JBOSS| Web Logic| Web Sphere |
| **Web Servers** | Nginx | Apache HTTP | Tomcat | JBOSS |
| **Version Control Tools** | GIT| Azure Repo| BIT Bucket| Subversion| TFS |
| **Databases** | Oracle| Mongo DB| MySQL| Cassandra| Cosmos DB| Databricks, Data Factory |Data Lake| Cosmos DB| Function apps |
| **Scripting** | Python| Shell| PowerShell| Ruby, JavaScript, .NET |
| **Network Protocols** | DNS| DHCP| TCP/IP| NFS |Ethernet |
| **Monitoring Tools** | JIRA| Bugzilla| HP Quality Center| Remedy | Nagios |
| **Network Protocols** | TCP/IP| SMTP| SOAP| HTTP/HTTPS| DNS |
| **Languages/scripts** | C | C++ | Shell | Bash | Python | YAML |
| **Testing Tools** | Junit| Cucumber |

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**EDUCATION:**

* Bachelors in Electronics and communication Engineering from Gitam University, 2012.

**WORK EXPERIENCE:**

**Client: Wells Fargo Aug 2022 to Present**

**Role: Cloud Infrastructure Engineer**

**Responsibilities:**

* Designed, planned, and implemented on-premises application migration to Azure Cloud (ARM), focusing on automation with Azure Stack Services and Utilities.
* Proven experience with Azure Networking, IaaS, PaaS, Cost Management, Security, and Monitoring to build and manage cloud infrastructure.
* Led the implementation of Azure DevOps for the MSIS 2.0 project, collaborating with the project management team to establish project workflows and roles within Azure DevOps.
* Managed user access and permissions in Azure DevOps, ensuring appropriate rights for team members to facilitate efficient project execution.
* Developed customized workflows in Azure DevOps to automate processes such as task approvals and notifications, resulting in improved task management and team collaboration.
* Worked closely with dev-ops engineers to integrate automated processes seamlessly into Azure DevOps pipelines, enhancing the efficiency of software delivery and deployment.
* Designed and created dashboards in Azure DevOps to provide real-time visibility into project status and key metrics, enabling team members to make data-driven decisions.
* Customized work item templates in Azure DevOps, tailoring Scrum and Kanban boards to align with project requirements and optimize team productivity.
* Generated comprehensive reports in Azure DevOps to identify project risks, monitor resource utilization, and track project progress, facilitating informed decision-making by upper management.
* Provided training and support to team members on Azure DevOps functionalities, ensuring smooth adoption and utilization of the platform across the project team.
* Acted as a subject matter expert on Azure DevOps, staying updated on the latest features and best practices to continuously improve project management processes.
* Implemented infrastructure as code using Terraform to automate deployment and configuration tasks, resulting in improved efficiency and consistency.
* Increased developer productivity due to streamlined workflows and enhanced collaboration features of GitHub Enterprise.
* Reduction in infrastructure maintenance overhead and costs associated with on-premises servers.
* Enhanced security and access control with GitHub Enterprise's robust security features.
* Improved software delivery processes, leading to faster time-to-market for the client's products and services.
* Increased visibility and transparency into the development process, facilitating better decision-making and project management.
* Alignment with industry best practices and standards for modern software development and DevOps.
* Overall, the migration to GitHub Enterprise resulted in a more efficient, agile, and competitive development environment for the client.
* Designed and implemented security controls for workloads, resources, and groups within Azure Cloud, reducing the risk of unauthorized access and data breaches.
* Collaborated with cross-functional teams to identify security requirements and implement appropriate solutions, fostering a culture of security and compliance.
* Conducted regular security assessments and audits to identify vulnerabilities and recommend remediation measures, ensuring the integrity and confidentiality of cloud resources.
* Provided technical guidance and support to team members on cloud security best practices and procedures, contributing to the overall success of cloud projects.
* Implemented monitoring tools like Splunk, Datadog, and Azure reporting for in-depth logging, alerting, and performance analysis.
* Utilized Azure ACI, Docker Desktop, and Kubernetes to containerize applications and ensure portability across environments.
* Implemented Continuous Delivery pipelines with Terraform, GitHub, Jenkins, Docker, and Kubernetes, automating CI/CD processes.
* Configured Azure Kubernetes service for managed Kubernetes clusters, utilizing Resource Manager templates and terraform for deployment.
* Automated infrastructure activities with Ansible playbooks, Python scripting, and Azure PowerShell.
* Managed Azure Infrastructure, including Azure Web Roles, Worker Roles, VM Role, Azure Storage, and Azure AD Licenses.
* Designed and implemented automated server build management, monitoring, and deployment using Ansible.
* Implemented containerized applications on Azure Kubernetes service (AKS) and managed Kubernetes services like Elastic Kubernetes service (EKS).
* Conducted research on project application architecture to support and resolve build, compile, and test issues**.**

**Environment: Virtual Networks, Azure VM, App Service Plan, Azure Functions, Azure SQL DB, Azure Container Registry (ACR) for Private Docker Registry, Azure Kubernetes Service (AKS), Azure Synapse, Cosmos DB, Azure Data Factory (ADF), SQL Server Reporting Services (SSRS),Power BI, Azure Data Lake, Azure Resource Manager (ARM),Azure HDInsight, Blob storage, Apache Spark**

**Client: Charles Schwab Kansas , MO May 2020 to July 2022**

**Role: Cloud Infrastructure Engineer**

**Responsibilities:**

* As an Azure DevOps Engineer, implemented Azure pipelines using YAML and shared templates, driving microservices builds to the Docker registry and deploying them to Azure Kubernetes Service (AKS). Managed and created pods for effective containerization.
* Implemented Network policies/RBAC in AKS to enforce best practices and enhance security by controlling pod scheduling and preventing potential vulnerabilities or privilege escalations.
* Developed continuous integration and deployment pipelines for web applications, UI, Database, and infrastructure as code using Azure DevOps, automating builds and deployments to various environments.
* Utilized Docker and Kubernetes for managing microservices, enabling seamless continuous integration and continuous delivery.
* Led the migration of on-premises infrastructure to the Azure cloud platform, ensuring seamless transition and minimal disruption to business operations.
* Implemented Azure PaaS services such as Azure SQL Database and Azure Functions to modernize and optimize application architecture, resulting in improved scalability and performance.
* Designed and implemented security measures in Azure, including Azure Active Directory configuration, network security groups, and encryption mechanisms, ensuring compliance with industry standards and regulatory requirements.
* Utilized Azure DevOps for continuous integration and continuous deployment (CI/CD) pipelines, automating build, test, and deployment processes for software applications.
* Managed Azure resources using Infrastructure as Code (IaC) principles, leveraging tools like Azure Resource Manager (ARM) templates and PowerShell scripts for provisioning and configuration.
* Implemented Azure monitoring and alerting solutions, utilizing Azure Monitor and Azure Security Center for proactive detection and response to security threats and performance issues.
* Worked closely with project management teams to create and manage projects in Azure DevOps, configure roles and permissions, create workflows, and generate dashboards and reports.
* Customized Azure DevOps work item templates, including Scrum and Kanban boards, to align with project requirements and team workflows.
* Integrated automated processes into Azure DevOps workflows in collaboration with DevOps engineers, optimizing development and deployment pipelines.
* Created dashboards in Azure DevOps to provide team members with real-time visibility into project status, metrics, and key performance indicators (KPIs).
* Generated reports for upper management to assess project risks, resource utilization, and overall project health, enabling data-driven decision-making.
* Provided training and support to project teams on Azure DevOps tools and best practices, fostering adoption and proficiency within the organization.
* Automated CI/CD pipelines enabled the client to achieve significant time savings by automating manual build, test, and deployment processes.
* Flexibility to customize and extend CI/CD pipelines using GitHub Actions' rich ecosystem of pre-built actions and community contributions.
* Improved efficiency and resource utilization with automated scaling and provisioning of infrastructure resources as part of the deployment process.
* Overall, the implementation of CI/CD pipelines using GitHub Actions resulted in improved software delivery processes, higher reliability, and increased developer productivity for the client.
* Developed and enforced robust architectures for Azure Cloud environments, guaranteeing alignment with industry standards and regulatory mandates.
* Utilized Terraform for infrastructure as code to automate deployment and configuration operations, resulting in heightened operational efficiency and uniformity.
* Engineered and enforced comprehensive security protocols for Azure Cloud workloads, assets, and user groups, mitigating the potential for unauthorized access and data breaches.
* Conducted routine security evaluations and audits to pinpoint vulnerabilities, proactively recommending corrective actions to safeguard the confidentiality and integrity of cloud assets.
* Offered expert mentorship and assistance to colleagues, imparting knowledge on cloud security methodologies and protocols, thereby bolstering the overall efficacy of cloud initiatives.
* Proficiency in developing serverless applications using Azure Function Apps, including event-driven triggers, bindings, and integration with other Azure services for data processing and automation tasks.
* Proficiency in utilizing Databricks for data engineering and analytics tasks, including data ingestion, transformation, and analysis in a distributed computing environment.
* Spearheaded the planning and execution of successful go-to-market strategies, orchestrating product launches and promotional activities to drive product adoption and revenue growth.
* Implemented Single Sign-On (SSO) access using Azure Active Directory (AAD) for Software as a Service (SaaS) applications/web applications.
* Implemented full CI/CD pipelines using Azure DevOps pipelines, ensuring thorough testing and standard software lifecycle processes before production deployment.
* Demonstrated SQL programming expertise with various databases, including MySQL, Postgres, Cassandra, Redis, Oracle DB, and MongoDB.
* Installed and configured Jenkins plugins, enabling seamless integration with GIT repositories, Maven for build automation, and Azure deployments using Terraform.
* Created Jenkins pipelines for building microservices, storing Docker images, deploying to Kubernetes (AKS), and executing deployments using HELM charts, Azure DevOps (repos), and Bitbucket.
* Integrated JIRA with Bitbucket repositories and utilized Azure Boards to track software development lifecycle issues.
* Managed container-based technologies like Docker, Kubernetes, and OpenShift, assisting teams with repository setup and CI/CD environment configuration.
* Migrated SQL database from on-premises to AZURE SQL using Azure Data Factory and setting-up with self-hosted integration runtime.
* Utilized Docker and Azure Kubernetes Service (AKS) to deploy and manage containerized services, establishing a self-hosted Kubernetes cluster through Jenkins CI/CD pipeline.
* Integrated Docker container-based test infrastructure into the Jenkins CI test flow, leveraging Bitbucket and JIRA integration with webhooks and slave machines.
* Demonstrated proficiency in SQL queries across multiple database platforms, including MySQL, Oracle, and Microsoft SQL Server.
* Contributed to the development of Azure-specific best practices and standards for using Datadog in Azure environments. Collaborate with teams to establish effective monitoring and alerting strategies, leveraging the capabilities of Datadog.

**Environment:** **Azure DevOps, Docker, Kubernetes, Terraform, ServiceNow ITSM, CI/CD pipelines, Azure Active Directory (AAD), Datadog, Jenkins, Maven, GIT, PostgreSQL, HELM charts, Azure Repos, Bitbucket, OpenShift, Azure Boards, Azure Data Factory, Azure Kubernetes Service (AKS), BitBucket, JIRA, Python, Bash, Groovy, PowerShell**.

**Client: OPTUM Healthcare Services April 2018 to April 2020**

**Role: DevOps Engineer**

**Responsibilities:**

* Creating and maintaining containerized micro services and configuring/maintaining private container registry on Microsoft Azure for Hosting Images and using Azure Active Directory. I am one of the lead DevOps Engineer.
* Deployed and Maintained Web applications on Azure cloud technologies. Converted .Net Legacy to Core application and deployed into Microsoft Azure Cloud Service Project as part of cloud deployment.
* Managed servers on the Microsoft Azure Platform Azure Virtual Machines instances using Ansible Configuration Management and created Ansible Playbooks, tasks, and roles to automate system operations.
* Worked on AZURE (IaaS) migrating like creating AZURE VMs, storage accounts, VHDs, storage pools, migrating on premise servers to AZURE and creating availability sets in AZURE and performed Hardening of the VM's and disk encryption using the KEK key in MS Azure.
* Setup Self Hosted Build Agent into our own Virtual Network and Integrated Agent Pool into Azure DevOps Pipelines
* Worked on setting up AKS Cluster, App Service, Azure VM using Terraform Modules from end-to-end and maintained modules into GitHub Repos
* Responsible for providing RBAC Policies and Setting up Network Policies and Deployments to AKS using HELM Charts by Integrating with GITHUB Repos with Azure DevOps Pipelines as CI/CD
* Hands on experience on using Terraform along with packer to create custom machine images and automation tool using Ansible to install software's after the infrastructure is provisioned.
* Created playbooks in YAML Script to install and configured Infrastructure across environments and automated the process using Python Script.
* Automated the cloud deployment using Ansible and ARM templates for unattended bootstrapping in Azure.
* Created Ansible roles in YAML and defined tasks, variables, files, handlers, and templates. configured the Ansible files for parallel deployment in Ansible for automating the Continuous delivery process and used Ansible for configuring and managing multi-node configuration management over SSH and PowerShell.
* Worked on active integration effort for building out PaaS with RedHat OpenShift, Dockers and working with developers on application containerization effort.
* Migrating Containers from OpenShift which is On-Prem Private Cloud Cluster to Public AKS Cluster.
* Worked with Docker and Kubernetes, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud using Azure DevOps Pipelines
* Worked on creating the Docker containers, Docker images, tagging and pushing the images and Docker consoles for managing the application life cycle and Deployed Docker Engines in Virtualized Platforms for containerization of multiple applications.
* Used Jenkins and pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes.
* Setup Prometheus, Alert Manager and Grafana Dashboards into multiple AKS Cluster Workloads

**Environment**: **Azure, Terraform, Ansible, OpenShift, Docker, Kubernetes, Jenkins, Git, Maven, Splunk, Python Scripts, Kickstart, Java/J2EE, Linux.**

**Client: State of West Virginia,Richmond, VA Sep 2016 to Mar 2018**

**Role: DevOps Engineer**

**Responsibilities:**

* Automated Build and Deployment process-setup Continuous Integration and Continuous Deployment of applications onto different environments like Dev, QA, and Production using Jenkins.
* Led containerized microservices deployment on Azure, managing private container registry and Azure Active Directory integration.
* Converted and deployed .NET Legacy to Core applications on Azure Cloud Services, enhancing cloud deployment.
* Managed Azure Virtual Machines with Ansible, automating system operations with Playbooks and tasks.
* Executed Azure IaaS migrations, creating VMs, storage accounts, and performing VM hardening and disk encryption.
* Integrated Self-Hosted Build Agents into Azure DevOps Pipelines, enhancing CI/CD workflows.
* Set up AKS Cluster, App Service, and Azure VM using Terraform, maintaining modules in GitHub Repos.
* Implemented RBAC Policies, Network Policies, and Deployments to AKS using HELM Charts and Azure DevOps Pipelines.
* Orchestrated Kubernetes Cluster upgrades, managing Control Plane and NodePools efficiently.
* Automated infrastructure provisioning with Terraform and Ansible, optimizing cloud deployment in Azure.
* Utilized Jenkins, Docker, and Kubernetes for CI/CD, deploying applications and managing containerized environments effectively.

**Environment: Azure, Terraform, Ansible, OpenShift, Docker, Kubernetes, Jenkins, Git, Maven, Splunk, Python Scripts, Kickstart, Java/J2EE, Linux.**

**Client: Charter Communications Oct 2013 - Sep 2016**

**Role: DevOps Engineer**

**Responsibilities:**

* Configuration of **NIS, DNS, NFS, SENDMAIL, LDAP, TCP/IP, Send Mail, FTP, Remote access Apache Services on Linux &UNIX Environment**.
* Migrated different projects from Perforce to **SVN**
* Performing **NIC bonding** on Linux Systems for redundancy.
* Diagnosed and resolved problems associated with **DNS, DHCP, VPN, NFS, and Apache**.
* Created **Bash/shell scripts** to monitor system resources and system maintenance.
* Created and maintained user accounts in **Redhat Enterprise Linux** (RHEL)and other operating systems
* Troubleshooting and maintaining of **TCP/IP, Apache HTTP/HTTPS, SMTP and DNS applications**.
* Create and Update Documentation for current Patching process. Coordinate with Lines of Business to schedule patching. Create Change request for Patching in Production environment.
* Created Linux Virtual Machines using **VMware** Virtual Center, creating VM Templates, and troubleshooting all Virtualization related issues.
* Expertise in remote access and application virtualization technologies such **as XEN, VMware, Linux**.
* Installed, tested and deployed monitoring solutions with Splunk services.
* Resolved configuration-based issues in coordination with infrastructure support teams.
* Maintained and managed assigned systems, **Splunk** related issues and administrators.
* Skilled in deploying, configuring and administering Splunk clusters.
* Responsible for the basic administration tasks related to **LDAP** and **WebSphere Portal**.
* Installed and configured servers using **Redhat** Linux Kickstart method.

**Environment: VMware, Red Hat, VERITAS, PAAS, BASH, Apache, JBOSS, IBM Server, MY SQL, LINUX, Puppet**.

**Suntron Systems, Pune, India.**

**Linux Administrator**  **Aug 2012 - Sep** **2013**

**Responsibilities:**

* Day to day duties involved Linux server maintenance and support to developer's team for their issue’s application, tuning, troubleshooting, and software running.
* Installed the latest patches for, Oracle on **Red hat Linux servers**, Configured and administered Send mail, Samba, Squid servers in Linux environment
* Set up the Linux Cron jobs for automating various build related jobs and application data synchronization jobs.
* Responsible for building of Linux OS servers using kickstart automation application
* Configured **Kickstart and Jumpstart servers** to initiate installation of RedHat Linux and **Solaris** on several machines at once.
* Updated previous **LDAP** tools to work with version of Ruby Rails.
* Involved in Installing, Configuring and Upgrading of **RedHat Linux AS 4/5, Solaris 9/10** operating systems.
* Administered and supported distributions of Linux, including Linux Enterprise Desktop, **SUSE Linux** Enterprise Server**, RedHat and Solaris**.
* Install, maintain and upgrade Drupal and Word press on LAMP stack and Configured LAMP Stack on Unix/Linux servers.
* Configured the **NIS, NIS+ and DNS** on **RedHat Linux 5.1** and update NIS maps and Organize the **RHN Satellite** Servers in combination with **RHN Proxy Server**.
* Worked on Linux Package installation using RPM and YUM, provisioned system with LVM.

**Environment:** **Oracle on Red hat Linux, Samba, Squid, RedHat Linux AS 4/5, Solaris 9/10, Linux Enterprise Desktop, SUSE Linux Enterprise Server, RedHat and Solaris, LDAP.**