**Surya Teja Challa Gundla**

[**tejasurya1001@gmail.com**](mailto:tejasurya1001@gmail.com) **(240) 356-1260**

**SUMMARY**

* Over 7 years of IT Industry experience with Configuration Management, Build, Release Management and Quality Assurance using CVS, Subversion, Clear Case and GIT on UNIX and Windows environment.
* Excellent understanding of SDLC Methodologies like Agile, Waterfall, RAD and Devops processes.
* Implementation of U deploy with AWS services in DevOps Environment.
* Maintaining Scripting using Python.
* Extensive experience with Continuous Integration Tools (Jenkins, Hudson, Bamboo)
* Experience in using GIT and Rational Clear Case on UNIX and Windows environment.
* Created Process, policies, procedures and Release Notes for migration of SCM and CI Environment from Ubuntu to SUSE in DevOps.
* Extensively experienced in using Build Automation tools like DevOps system working knowledge other build tools like MS Build and CMake.
* Server configuration management via Puppet
* Expertise in client-side design and validations using HTML5, CSS3, Java Script, jQuery, Ajax, AngularJS, NodeJS, Requires, BackboneJS and React JS.
* Created and wrote shell scripts (Bash), Ruby and Python for automating tasks
* Deploying IT service management processes for one of my clients, based on ITIL V3
* Experience in Kubernetes to deploy scale, load balance, and manage Docker containers with multiple names spaced versions using Helm charts.
* Extensible experience in setting up Baselines, Branching, Merging and Automation Processes using Shell, Perl and Python Batch Scripts.
* Knowledge of databases like MySQL, MS SQL server, PostgreSQL, Oracle, IBM DB2 and NoSQL databases like MongoDB, Cassandra and AWS DynamoDB
* Expertise in building CI/CD on AWS environment using AWS Code Commit, Code Build, Code Deploy and Code Pipeline and experience in using AWS CloudFormation, API Gateway, and AWS Lambda in automation and securing the infrastructure on AWS.
* Built **Jenkins** jobs to create **AWS** infrastructure from **GitHub** repos containing terraform code.
* Wrote deployment Automation scripts for multiple JAVA/J2EE Applications.
* Used Ant/Maven for building Java/J2EE Applications.
* Basic knowledge of C, C++ and JAV.
* Experience in building data dictionary, functions and synonyms for NoSQL (Elasticsearch).

**TECHNICAL SKILLS**

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| --- | --- |
| Operating System | UNIX, Linux, iOS, Windows NT/2000/2003/XP/Vista/2007, RHEL. |
| Application Servers | WebLogic, WebSphere, JBoss, Tomcat, IIS. |
| Build Tools/ DevOps | Jenkins, Puppet, Chef, Ant, Maven, Perl, HUDSON, ANTHILL, PRO, BAMBOO. |
| Database | Oracle 10g and 9i, PL/SQL, SQL 2005 AND Enterprise |
| Programming Languages | C, C++, Java, HTML5/CSS3, XML, VB Script, Shell, and Perl. |
| Database Management | MySQL, MS Access, Oracle9i/10g, SQL Server 2005, 2008. |
| SCM Tools | CVS, SVN, ClearCase, PVCS. AWS Elastic Beanstalk, AWS Cloud Formation. |

**Educational Details:**

**Bachelor’s in Engineering from Visvesvaraya Technological University, Bangalore (INDIA).**

**Master’s in Computer Science from Gannon University, Erie, PA.**

**EXPERIENCE**

**Client: Home Depot, Atlanta, GA March 2020 till Date**

**Sr. DevOps Engineer / Cloud Engineer**

**Responsibilities:**

* Maintained and Administered Oracle Fusion Middleware 12c.
* Integrated JDeveloper to Gerrit code base.
* Created Azure Automation Assets, Graphical runbook, PowerShell runbook that will automate specific tasks, deployed Azure AD Connect, configuring Active Directory Federation Service (AD FS) authentication flow, ADFS installation using Azure AD Connect, and involved in administrative tasks that include Build, Design, Deploy of Azure environment.
* Designed and developed Micro Services business components and RESTful service endpoints using Spring MVC.
* Written Templates for **AWS** infrastructure as a code using **Terraform** to build staging and production environments.
* Manage deployment automation using **Puppet, Custom Puppet Modules**and**Ruby**.
* Used **Curator**API on Elasticsearch to data back up and restoring.
* Managed Azure Infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses, Virtual Machine Backup and Recover from a Recovery Services Vault using Azure PowerShell and Azure Portal.
* Created data-models for customer data using the Cassandra Query Language.
* Developed **CI/CD**system with **Jenkins**on Google's **Kubernetes**container
* Designed a system using Kafka to auto - scale the backend servers based on the events throughput.
* Created and maintained user accounts, roles on **NOSQL**, production and staging servers.
* Created the CI/CD pipeline for different environments like J2EE, Spring Boot and ReactJS using Jenkins
* Worked on Amazon EC2 setting up instances, virtual private cloud (VPCs), and security groups and created AWS Route53 to route traffic between different regions and used BOTO3 and Fabric for launching and deploying instances in AWS.
* Implemented the MVC architecture using Backbone.js, Nodejs and ReactJS.
* Automated the build and deploy of SOA and OSB composites using Jenkins.
* Implemented Docker -maven-plugin in Maven pom.xml files to build Docker images for all microservices and later used Docker file to build the Docker images from the Java jar files.
* Used AWS **Beanstalk**for deploying and scaling web applications and services developed with PHP, python, ruby and java.
* Setup and build AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates
* Create puppet scripts to install stack like: LXC containers, Docker, apache, Postgres, PHP, Python virtual envs, SonarQube, nexus 2/3, wildfly/boss applications, Django applications.
* Created User defined types to store specialized data structures in Cassandra
* Involved in using **Terraform**and **Ansible,** migrate legacy and monolithic systems to Amazon Web Services (AWS**)**
* Created Azure Automation Assets, Graphical runbook, PowerShell runbook that will automate specific tasks, deployed Azure AD Connect, configuring Active Directory Federation Service (AD FS) authentication flow, ADFS installation using Azure AD Connect, and involved in administrative tasks that include Build, Design, Deploy of Azure environment.
* Responsible for Installing, setup and Configuring Apache Kafka and Apache Zookeeper
* Worked on **AWS** servers. Clustering **Redis** using sentinel and HAProxy, provisioning new AWS servers using chef.
* Configuring JUnit coverage report and Integration Test cases as part of build in GitLab Runner
* Used Micro services to build flexible, independently deployable software systems
* Developed functionalities using NodeJS REST API.
* Implemented Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple names spaced versions.
* Container services and instances and registries, AZURE Cosmos DB, SQL databases, AZURE Database for MySQL servers, AZURE Database for PostgreSQL servers
* Worked with Nagios for Azure Active Directory & LDAP and Data consolidation for LDAP users. Monitored system performance using Nagios, maintained Nagios servers and added new services & servers.
* Automated End – End for build, deployment and testing on the SOA and OSB composites.
* Built and managed a highly available monitoring infrastructure to monitor different application servers like JBoss, Apache Tomcat and its components using Nagios.

**Environment:** RedHat Linux, Eclipse, JDeveloper, Oracle, Java, Perl, Bash, DevOps, NT Command Shell, Git and Jenkins.

**Client: Kentucky Insurance, Florence, KY Feb 2019 to Feb 2020**

**Sr. DevOps Engineer / Cloud Engineer**

**Responsibilities:**

* Maintained and administered Microsoft Visual Studio is an application management service.
* Using Python Scripting in DevOps users to model and manage the entire application from load balancers to database.
* Managing Cloud Services using AWS Cloud Formation which gives developers and businesses an easy way to create a collection of related AWS resources and provision them in an orderly and predictable fashion.
* Integrated jQuery based front-end elements.
* Understand the latest features like (Azure DevOps, OMS, NSG Rules, etc..,) introduced by Microsoft Azure and utilized it for existing business applications
* Configured a virtual data center in the AWS cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups and Route Tables.
* Created detailed insight into all aspects of Business Operations through painstaking integration of Chef.
* Creating and administering Splunk Software Development Kit for JavaScript, Python and AWS Cloud Formation templates for Splunk distributed cluster deployment.
* Created Branches, Labels and performed Merges in SDLC system Stash and GIT.
* Developed processes, tools, automation for Jenkins and DevOps based software for build system and delivering SW Builds.
* 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.
* Worked on **Ruby**to write **GIT**applications
* Implemented a distributed messaging queue to integrate with Cassandra using Apache Kafka and Zookeeper
* Launched **Memcached**and **Redis**kind of services using **AWS Elastic Cache**
* Deployed NodeJS code to remote servers manually.
* Install and configure PostgreSQL and managing the same with collective.
* Write **terraform** scripts from scratch for building Dev, Staging, Prod and DR environments
* Creating applications and push them to a definable set of DevOps with Python.
* Managed build results in Jenkins and deployed using workflows.
* Deployed Spring boot based Micro Services, Docker container using Amazon EC2 container services and using AWS admin console.
* Corteva Azure Architecture is Read Only through Portal. Utilized PIM for troubleshooting critical application issues. Creation of resources will be through Azure DevOps release pipeline using contributor SPN role (Iac).
* Implemented a CI/CD pipeline involving **GitLab, Jenkins, Chef, Docker,** and Selenium to complete the automation from commit to Deployment.
* Installed and configured Hadoop ecosystem using Horton Works as needed. Utilized search platforms Elasticsearch for indexing.
* Deploying and Managing containers in production using Rancher Tool
* Involved in **Upgrade**of **Jenkins**& **Artifactory**Server by scheduling backups in **S3.**
* Managed continuous delivery in Microservices and Microservice Architectures.
* Managing CVS, TFS, Subversion, Setup box.
* Developed internationalized multi-tenant SaaS solutions with responsive UI's using Java or ReactJS, with NodeJS and CSS.
* Installed and configured Docker to create Docker containers of NodeJS and Ruby apps.
* Migrating databases to datacenters to AWS RDS (cloud), while maintaining them
* Maintain and track inventory using Deploy and set alerts when the servers are full and need attention DevOps.
* Maintaining Team city, Artifactory, Fisheye, Uber SVN, Sonar, and Stash.
* Modeled the structure for multi-tiered applications orchestrate the processes to deploy each tier.
* Written Automation scripts in PowerShell, which make API calls to Azure DevOps and find users who have not accessed Azure DevOps for more than 90 days (Cost Optimization Project).
* Create develop and test environments of different applications by provisioning Kubernetes clusters on AWS using **Docker**, Ansible, and Terraform
* Have used Confluence to create, share and discuss content and projects on Python.
* Implemented using software from Perforce, Assemble, Git and Jenkins.
* Familiar and experienced with Agile Scrum development.
* Experience in C, C++, .NET development.
* Integrated GIT into Jenkins to automate the code check-out process
* Used Jenkins for automating Builds and Automating Deployments
* Very strong Project Management experience performing ITIL RM /SCM activities.

**Environment:** Solaris, Linux, Eclipse, C++, .NET, Oracle, Java, Perl, ClearCase 6.0, ClearQuest 2003, Bash, DevOps, KornShell, NT Command Shell, Perforce, Assemble, Git and Jenkins.

**Client: Delta Faucet, Jackson, TN Dec 2017 to Jan 2019**

**DevOps Engineer / Cloud Engineer**

**Responsibilities:**

* Involved in End-End implementation and Automation using software configuration management tools (Puppet)
* Involved in defining documenting and maintaining code deployment pilot automation project documents using Python.
* Performed testing and validation for code deployment automation in UAT test environment
* Integrated Service now to RLM tool to automate the approval process
* Installed and configured Anthill Pro for DevOps Automating Deployments and providing a complete automation solution.
* Created continuous integration system using Ant, Jenkins, Puppet full automation, Python Continuous Integration, faster and flawless deployments.
* Worked with Atlassian tools like Bamboo & Jira.
* Used Build Forge and Jenkins for enterprise scale infrastructure configuration and application deployments.
* Solved process inconsistencies.
* Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handled expected and unexpected load bursts
* Implemented Micro Services based Cloud on AWS Platform and Spring Cloud Foundry.
* Implemented client-side Interface using React JS.
* Migrated data from Cassandra database to Amazon’s DynamoDB.
* Built NoSQL schemas using mongoose and Developed Rest API on NodeJS server.
* Configured Azure Multi-Factor Authentication (MFA) as a part of Azure AD Premium to securely authenticate users and worked on creating custom Azure templates for quick deployments and advanced PowerShell scripting. Deployed Azure SQL DB with GEO Replication, Azure SQL DB Sync to standby database in another region & Fail over configuration
* Worked with DevOps, Perforce, Assemble, Git and Jenkins.
* Automating Cloud infrastructure setup via Cloud formation, terraform and. - AWS Code Deploy.
* Deploying windows Kubernetes (K8s) cluster with Azure Container Service (ACS) from Azure CLI and Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test and Octopus Deploy.
* Used ANT, Puppet/ Chef Scripts with Ivy to build the application and deploy.
* Deployed Dynamic content to Web sphere Application server and DevOps Team.
* Used DevOps, Ansible Puppet and Gerrit
* Wrote **Kafka** producers to stream the data from external rest APIs to **Kafka** topics.
* Deployed SQL scripts in Oracle, Abinitio tags and Netezza scripts in various test environments.
* Extensively used **Terraform** in **AWS Virtual Private Cloud** to automatically setup and modify settings by interfacing with control layer
* Experience in debugging the code deployment errors with the help of development team
* Created Continuous Build Process using Hudson/Jenkins as Continuous integration tool.
* Drove releases, automated release process.
* Managed continuous delivery in Microservices and Microservice Architectures.
* Maintaining and Scripting in Python.
* Written puppet modules for Logstash, Elasticsearch and Kibana and Used puppet to measure the AWS metrics
* Working with AWS services such as EC2, VPC, RDS, CloudWatch, CloudFront, Route53 etc
* Developed unit and functional tests in Python and Java
* Work with Docker for convenient environment setup the test environments
* Used configuration management tools Chef, Puppet, and CF Engine
* Proposed branching strategy suitable for current application in Subversion help of Python.
* Managed the Release Communication and Co-ordination Process.

**Environment:** Solaris, Linux, Eclipse, C++, Java, Perl, DevOps, ClearCase 6.0, ClearQuest 2003, Bash, Kornshell, NT Command Shell, Python.

**Client: Citi Bank, NYC, NY Jan 2017 to Oct 2017**

**DevOps Engineer:**

**Responsibilities:**

* Installed and configured Deploy for Automating Deployments and providing a complete automation solution.
* Integrated Subversion into DevOps, deploy to automate the code check-out process
* Maintained and administered GIT source code tool.
* Implemented Automated Cloud Infrastructure using Chef.
* Developed processes, tools, automation for TFS (Team Foundation System) based software for build system and delivering SW Builds.
* Implemented Microsoft Azure and part of DevOps team for internal project automation and build configuration management. Involved in configuring virtual machines, Storage accounts and Resource groups.
* Worked on Cloud solution architecture on Amazon Web Services.
* Managed build results in Deploy and deployed using workflows in Deploy using DevOps.
* Modeled the structure for multi-tiered applications orchestrate the processes to deploy each tier.
* Experience in JIRA to capture, organize and prioritize issues. Experience in partially administering JIRA for issue management.
* Involved in creating Virtual Machines in Azure and managing **Azure storage, Azure active directory and Azure Service Bus.**
* Working with AWS services such as EC2, VPC, RDS, CloudWatch, CloudFront, Route53 etc.
* Worked on AWS costs by writing the Ansible Playbooks for auto Start/Stop of AWS resources at the time of the day by triggering it from Jenkins and knowledge on RHEL on Ansible Playbooks, Modules and Roles.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Used Hudson/Jenkins for automating Builds and Automating Deployments DevOps.
* Implemented AWS Elastic Container Service (ECS) scheduler to automate application deployment in the cloud using Docker Automation techniques.
* Installed **SonarQube**as a**Docker container on Open stack, Azure, AWS EC2 and**integrated it with**Jenkins.**
* Used various plug-ins to extend the base functionality of Hudson/Jenkins to deploy, integrate tests and display reports
* Owned build farm and produced effective multiple branches builds to support parallel development
* Owned Release to Production Process, gathered approvals, signoffs from stakeholders and QAs before going to PROD.
* Managed the Release Communication and Co-ordination Process.
* Written Cloud formation templates and deployed AWS resources using it.
* Developed build scripts using ANT and MAVEN as the build tools for the creation of build artifacts like war or ear files.
* Involved in editing the existing ANT/MAVEN files in case of errors or changes in the project requirements.

**Environment:** Windows Solaris, UNIX, C++, Java, Eclipse 3.20, Ant, Jenkins, Perforce, Assemble, Git, Jenkins. JBoss Application Server, CVS, Subversion, VTFS, Jira and Cygwin.

**Client: Tech Catalyst, India Aug 2014 to Oct 2015**

**DevOps Engineer:**

**Responsibilities:**

* Installed and configured Anthill Pro/Jenkins for Automating Deployments and providing a complete automation solution and relating it in Cloud systems.
* Created continuous integration system using Ant, JetBrains, Team City, full automation, Continuous Integration, faster and flawless deployments in DevOps system.
* Involved on migrating SQL Server databases to SQL Azure Database using **SQL Azure Migration Wizard** and used Python API to upload agent logs into Azure blob storage.
* Deployed applications on AWS by using Elastic Beanstalk.
* Managed and analyzed Customer/Functional requirements, Generic UI Specification, Application use-case in VB Script.
* Made proposals for architecture definition of external application integration on top of BT Stack. Design, Implementation, Debugging and Bug Fixing. Documentation of release documents.
* Deploying IT service management processes for one of my clients, based on ITIL V3.
* Rendered support to Wingtech for integration of Application framework on top of NAPI layer.
* Managed the build and release process for NAPI modules on Setup box.
* Worked with Cloud Application Integration. Cloud Application a Reference Application for NXP SySol Platform solution to present Cloud capabilities.
* Involved in development and integration of BT Applications for profiles such as HSP/HFP, OPP and HID.
* Interface design development and maintenance. Sanity, Functional testing &Documentation of NXP system solution reference design updates.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS CloudWatch.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud.
* Deploying online planning and collaboration tools, to improve the effectiveness of distributed teams and contributors for DevOps Services.
* Creating Cloud System for New Stacks.
* Worked on Serverless services, created and configured HTTP Triggers in the Azure Functions with application insights for monitoring and performing load testing on the applications using the Visual Studio Team Services (VSTS) also called as Azure DevOps Services.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java, PHP, Node.js, Python, Ruby, and Docker on familiar servers such as Apache, and IIS.
* Begin investing in Continuous Integration and on-demand build and test systems with DevOps.
* Performed setup of Cloud clustered environment setups with Web sphere Application Server.
* Proposed and implemented branching strategy suitable for agile development in Subversion.
* Imported and managed multiple corporate applications in Subversion (SVN).
* Managed Azure Infrastructure Azure Web Roles, Worker Roles, VM Role, Azure SQL, Azure Storage, Azure AD Licenses, Virtual Machine Backup and Recover from a Recovery Services Vault using Azure PowerShell and Azure Portal.
* Provided end-user training for all Subversion (SVN) users to effectively use the tool.
* Deployed the static content into the web servers like Tomcat, IPlanet, IBM HTTP Server.
* Deployed Dynamic content to Application servers like WebSphere and WebLogic.

**Environment:** Sun Solaris, UNIX, windows, CVS, Perforce, Java, Eclipse, Ant, Jenkins, Cloud Computing, Maven, Install Anywhere, Tomcat Apache Application Server.

**Client: P&G, India July 2013 to Aug 2014**

**System Admin:**

**Responsibilities:**

* Involved in user interactions, requirement analysis and design for the interfaces.
* Prepared the design document for Document Management Module and User Management Module.
* Created class diagrams and sequence diagrams using MS Visio.
* Followed waterfall methodology for application development.
* Updating the svn log properties for revisions. Setting up the SVN sync servers, changed rev properties for svn sync.
* Promoting the changes from trunk revisions to release branch.
* Used Azure Kubernetes Service to deploy a managed Kubernetes cluster in Azure and created an AKS cluster in the Azure portal, with the Azure CLI, also used template driven deployment options such as Resource Manager templates and Terraform.
* Designed AWS Cloud Formation templates to create custom sized VPC, Subnets, NAT to ensure successful deployment of Web applications and database templates.
* Proposed and implemented branching strategy suitable for agile development in Subversion.
* Installed and configured Hudson/Jenkins for Automating Deployments and providing an automation solution
* Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Chef.
* Involved in enhancement of SOA web services using AXIS to support .net applications.
* Written Oracle Admin schema using SQL, which creates Orion Oracle database instances in Oracle 10g and Oracle9i.
* Virtual Machine Backup and Recover from a Recovery Services Vault using Azure Cloud Shell and Portal. Used Power Shell for troubleshooting remote management of Azure Virtual Machines.
* Setting up and administering DNS system in AWS using Route53.
* Setup and maintained NFS, NIS, and TCP/IP network, configured the systems for TCP/IP Networking with the existing LAN, setting up SSH and SCP features between SUN systems and other Red Hat/UNIX hosts.
* Involved in migration of code in CORBA framework to Java/J2ee framework.
* Deployed ASP.NET web Application in Azure using Web App service, connected it to Azure SQL Database and used VSTS to provide CI/CD pipeline.
* Discussed and presented architectural designs to the senior management and client.
* Having the responsibility to test the use case by writing the Unit test cases and having good knowledge in usage of J-unit to test the application.
* Good experience in debugging the application by running the server in debug mode and having the experience in usage of log4J to persist the data in log files.
* Have the responsibility as a UAT support for the project till the project goes into the production.

**Environment:**Linux (Red Hat Enterprise, CentOS), Windows 2000/NT, HP, IBM, Solaris, Oracle 8, SSH Gate, Cisco routers/switches, Dell 6400, 1250, Sun E450, E250.

**Client: Hexaware, India June 2012 to June 2013**

**Network administration**:

**Responsibilities:**

* Worked on Troubleshooting server hardware and software remotely thru MOM (monitoring software).
* Deployed and configured, Windows 2000/2003 Servers, with DHCP, DNS, IIS, Active Directory Domain Controllers, Group Policy, Internet, TCP/IP, and Routing concept.
* Maintained and Administered GIT Source Code Tool.
* Worked on Serverless services, created and configured **HTTP Triggers** in the **Azure** Functions with application insights for monitoring and performing load testing on the applications using **Azure DevOps Services**.
* Responsible for Basic Router Configuration and network equipment (Cisco, Linksys, Net gear, D-Link, Brocade Switches).
* Developing microservices on boarding tools leveraging **Python**and**Azure DevOps** allowing for easy creation and maintenance of build jobs and **Kubernetes** deploy and services
* Wrote Ansible playbooks to launch AWS instances and used Ansible to manage web applications, configuration files, used mount points, packages and Worked on playbooks for Ansible in YAML
* Acquired decent Knowledge on Linux Administration.
* Developed Shell for system administration activities.
* Installed Hard Disks, Memory etc.
* Troubleshoot IP protocol connectivity.
* Configured ELK stack in conjunction with AWS and using Logstash to output data to AWS S3.
* Administration of MS Exchange 5.5/2003/2007 servers, including user mailbox storage public folders storage, permissions, and replication MS Exchange databases, offline defragmentation, creating new public folder groups, delegation user mailbox rights
* Worked on Troubleshooting Network Problem.
* Backup data using EMC Networker and other EMC Products.
* Troubleshoot logon process for users and windows services.
* Supported Windows 98, 2000 and XP desktops. Serviced 150 users.
* Maintained Domain Controller Active Directory, print and file servers, HP Proliant and IBM Xseries servers, and email accounts on Windows servers NT, 2000, 2003
* Upgrades, patches, backups, and network settings.
* **DevOps** role converting existing **Azure** infrastructure to server less Architecture deployed via **Terraform**.
* Written Cloud Formation Templates (CFT) in JSON and YAML format to build the AWS services with the paradigm of Infrastructure as a Code.
* Create Exchange accounts and allocate archive and .pst files for end users.
* Provide periodic reports on network utilization and communicate recommendations for improvement to supervisor.
* Managed Servers and Reports using Puppet through host groups and puppet modules and manifests.
* Managed CPU Usage, Shared Memory, Disk Space Usage and Controlling Processes.

**Environment:** CISCO 3600/2600 routers, DNS, DHCP, TCP/IP, RIP, FTP, TFTP, Terminal Services, SNMP, SMTP, NFS, NIS, NIS+, Microsoft Windows 95/98/2000/XP/2003, Linux.