**Srikanth**

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**PROFESSIONAL SUMMARY:**

* 10 years of IT experience and gained expertise in DevOps, Kubernetes, DevSecOps, Azure Cloud migration, Automation, Linux Administrator, Production Support, Terraform.
* In-depth understanding of the principles and best practices of SCM in Agile, SCRUM, Waterfall methodologies.
* Hands on experience in configuring and maintaining webservers like Apache Tomcat, and Application servers like Tomcat, WebLogic and WebSphere.
* Experience in setting up CI/CD using different approaches and tools.
* Used Kubernetes to deploy scale, load balance, scale and manage Docker containers.
* Experience in Designing and implementing Software configuration management (SCM) and change management (CM) solution using GIT and JIRA.
* Experience in configuration management tools such as Ansible, Chef, Puppet.
* Experience in building and deployment through Ansible and managing in production environment. Created Ansible Playbooks with Python.
* Experience in using various Azure services like Virtual Machines, Virtual Networks, Blob Storage, Disk Storage, Azure Files, Azure SQL, Azure Certificates, Azure Cosmos DB, ACR, AKS, Monitor, DevOps Pipeline, Key Vault.
* Experience in installation, set-up, and management of build servers and management using Jenkins as Continuous Integration tool.
* Strong experience of data migration (to public cloud) practices and technologies.
* Basic understanding on Terraform, a tool for building, changing, and versioning infrastructure safely and efficiently.
* Experience in maintaining artifacts in artifact repository tools line sonatype nexus and jfrog.
* Excellent experience on container management using Docker in creating images, also worked on container snapshots, removing images, and managing docker volumes, Orchestration of docker images and containers using Kubernetes by creating a master and node.
* Experienced in Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Continuing architectural changes to move software system offerings to a distributed, service-based architecture utilizing Docker/Kubernetes.
* Experience in Setting up Kubernetes (k8s) Clusters for running microservices and pushed microservices into production with Kubernetes backed Infrastructure.
* Experience in scripting languages including Shell Scripting and Python Scripting.
* Experience in implementing Continuous Integration with Jenkins integrated Jenkins with Maven, SonarQube, Jfrog, Nexus and Ansible.
* Experience on Oracle Application dealing with Patches and dealing with concurrent systems.
* Experience with Oracle, MongoDB, and MS SQL Server DB Tasks (DML, DDL Executions, Log Rotations, Table space alterations, user management etc.
* Managed environments IT, CT, PERF, and PROD for various releases and designed instance strategies.
* Proficient in using complex SQL queries to perform Database testing for data integrity.

**TECHNICAL SKILLS:**

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| **Cloud Platforms** | Azure, Familiar with AWS |
| **Script languages** | Shell, Python, YAML, PowerShell, Groovy. |
| **CI /CD Tools** | Jenkins, Ansible, Git, Sonar, Ansible, Nexus |
| **Build Tools** | Maven, ANT |
| **Containerization Tools** | Docker, Kubernetes, Helm charts. |
| **Version Control Tools** | Git/GitHub, Bitbucket, SVN |
| **Artifact repository** | Jfrog, Sonatype Nexus, S3 |
| **IaC Tool** | Terraform |
| **Logging & Monitoring Tools** | Nagios, Splunk, Qradar |
| **Databases** | OracleDb, DB2, MySQL, SQL |
| **Application/Web Servers** | Apache Tomcat, NGINX, JBoss, WebSphere, Web Logic, Jetty |
| **Operating Systems** | UNIX, Sun Solaris, Red Hat Enterprise Linux, CentOS, Windows |
| **Virtualization Platforms** | Oracle VirtualBox, VMware |
| **Bug Tracking Tools** | JIRA |
| **Security Tools** | Veracode, Appscan |

**EDUCATION:**

**Bellevue University (Nebraska):**

* Masters in computer information systems Graduation: June 2017

**SRM University (Chennai, India):**

* Bachelors in pharmacy Graduation: June 2011

**PROFESSIONAL EXPERIENCE:**

**Client :** AT&T, TXFEB 2020 to Present

**Project :** Corporate Systems IT

**Role :** SW/DEVELOPMENT SUPPORT

**Responsibilities :**

* Providing support towards core maintenance, incident management and other production operations of 94 core corporate applications across a potpourri of technology platforms.
* Responsible for Applying the Security Measures for the existing applications by gathering the requirements from the Business teams, Migration of the existing on-premises Applications to Microsoft Azure by understanding the latest features.
* Developed Shell/Python scripts to automate the deployment process for the existing applications.
* Working on the APPWORX WORKLOAD AUTOMATION tool to automate the process of loading files into database by creating the Jobs which uses shell script.
* Troubleshooting production issues associated to database/application to find root cause and fix the issues.
* Proficient with Shell, Python, Power shell, JSON, YAML and Groovy scripting languages.
* Responsible for code deployments in production assist with planning and testing of application configuration and database changes.
* Responsible for performing Audit and compliance functions in which the application functions and reports should be presented and walked through with the auditors.
* Responsible for publishing disaster recovery strategy and application recovery manuals for the supporting applications.
* Assist planning and support Oracle database upgrades and patching, responsible for periodic password changes per corporate security policy.
* Involved in moving application from onprem to Azure also provided IaaS support to client. Designed, configured, and deployed Microsoft Azure for a Built a prototype Azure application that accesses 3rd party data services via Web Services. The solution dynamically scales, automatically adding/removing cloud-based compute, storage and network resources based upon changing workloads.
* Hands-on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, S3, Elastic Beanstalk, RDS and Dynamo DB, SNS, SQS, IAM, and CloudWatch.
* Knowledge on Applications utilizing the Azure stack (Including Compute, Web & Mobile, Blobs, Resource Groups, Azure SQL, Cloud Services, and ARM), focusing on high - availability, fault tolerance, and auto-scaling.
* Build Data Sync jobs on Windows Azure to synchronize data from SQL databases to SQL Azure and created Cache Memory on Windows Azure to improve the performance of data transfer between SQL Azure and WCF services.
* Built a prototype Azure application that accesses 3rd party data services via Web Services. The solution dynamically scales, automatically adding/removing cloud-based compute, storage and network resources based upon changing workloads.
* Involved in setting up the Azure functions and written Terraform reusable modules to deploy the required infrastructure for the applications in Prod environment.
* Used Terraform to create the Azure VM’s with ATT golden images.

**Client :** AT&TJAN2019 to JAN 2020

**Project :** AT&T/Chief Security Operations –

Identity Access Management (IDAM)

**Role :** Automation Engineer

**Responsibilities:**

* Takes care some business-critical activities involving developing deploying and maintaining critical appliances facing the clients in the organization,
* plays a Pivotal role in end-to-end automation of appliances, & apps he is an expert of some DevOps intensive tools like, Ansible, Jenkins, Git, Apache, Tomcat, ISAM.
* Plays key role in setting up the ISAM Appliances
* Managed several IAM accounts for users with specific policies attached to each of them and implemented Multi Factor Authentication to meet security compliance.
* involved in deploying ISAM across the environment which is consumed by 200Million users in real time.
* Configured and managed AWS services
* Integrated Jenkins with GitHub private repositories with Nexus Artifact repository for pushing successful build code using Maven as build Automation tool.
* Used Ansible to deploy critical applications, automate repetitive tasks and implemented Ansible Tower dashboard to allow individual access to use Ansible for the deployments.
* Managed Ansible Roles, playbooks for provisioning instances, creating subnets, installing packages, and worked with deploying web application on Apache and standalone server environments.
* Implemented Continuous Delivery automation using Ansible, managed Webservers and Tomcat.
* Responsible for end-to-end automation which includes build to deployment and go live
* Writing Automation scripts using Python, shell and YAML
* Involved in testing debugging and code correction.
* Utilize Groovy's concise and expressive syntax for scripting and automation tasks, such as build scripts, data processing, and system administration tasks.
* Responds to application failures and the troubleshoots.
* Monitored software, hardware, and/or middleware updates and utilizing technologies like Jenkins, Nagios, QRadar.
* Used the JIRA for bug tracking, creating the dashboard for issues.

**Client :** AT&T JUN 2018 to JAN 2019

**Project :** Business Console and Business Direct

**Role :** Automation Engineer

**Responsibilities:**

* Created plans and ensured Release management deliverables are met on time, risks are appropriately mitigated, and code implementation status is communicated regularly to Application Manager.
* Configured and setup activities of both environmental and functional.
* Maintaining and assisting the development teams in Git.
* Writing shell and Python scripts for the Build and Deployment Automations
* Maintaining SonarQube for the Code Quality Analysis
* Writing Shell and Python scripts for the Environment Management Automations.
* Working on Continuous Deployment Platform (CDP) using via Jenkinsfile and Ansible scripting
* CDP is Platform Independent Developers Driven practice where the process starts from creating the Template from a Seed and automatically generating the Git Repo to the Jenkins job creation and then via a specific Jenkinsfile process called Eco Pipeline the Jenkinsfile will do the Build and/or Deployment to the higher environments based on the requirements.
* As part of DevSecOps process suggested teams not use the manual process and make them use the Jenkins file which triggers everything automatically.
* To accomplish the DevSecOps task wrote the Jenkins file to trigger the build, deploy, sonar, and do the security scan.
* The Jenkinsfile is also used for many complex activities such as SAST or DAST analysis.

**Client :** AT&T OCT 2017 to MAY 2018

**Project :** Business Console and Business Direct

**Role :** Devops Engineer

**Responsibilities:**

* Primary responsibilities include Build and Deployment of the java applications into Dev connect and dev environments through **Jenkins.**
* Experience in **CI** (Continuous Integration) and**CD** (Continuous Deployment) methodologies using Jenkins.
* Install, configure and integrate **SONAR** with Jenkins server and configure the build process for the code analysis process for better code quality and code metrics. Rapid feedback for development teams and application teams.
* Used Jenkins for the retrieving the changes automatically form the code cloud and deploy them to the dev connect environments.
* Co-ordinating with different teams to understand the application flow.
* Implementing quick and rapid provisioning by collaboratively working with cross functional teams through Agile Methodology.
* Involved in using Maven as build tools for the generating of deployable artifacts (jar, war) from source code and store it in the nexus repository.
* Build and configured Jenkins slaves for parallel job execution. Installed and configured Jenkins for continuous integration and performed continuous deployments.
* Responsible for build and deployment automation using Dockercontainers.
* For the deployment purpose we will use YAML script to load the images from the nexus repository and deploy it in the Kubernetes.
* Implemented Kubernetes manifest, helm charts from deployment of microservices in to K8s cluster.
* Used Kubernetes to deploy scale, load balance, scale and manage Docker containers.
* We will use the Nagios monitoring tool to maintain the load balancing of the pods in Kubernetes with the triggered emails.
* Developed a continuous deployment pipeline using Jenkins and shell scripts.
* Developed **Shell** for automation purpose.
* File management, disk space management and security administration of user's accounts, files, and directories on various servers running under **Linux**.
* Automation of daily tasks using Shell scripts.

**Client :** CL SOFT PVT LTD, Hyderabad, IndiaFEB 2012 to MAY2015

**Role :** Linux System Administrator

**Responsibilities:**

* 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.
* 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, disk devices, SAS, SATA & SCSI devices.
* Monitoring CPU, memory, physical disk, Hardware and Software RAID, multipath, file systems, network using the tools NAGIOS 4.0 monitoring.
* Install new / rebuild existing servers and configure hardware, peripherals, services, settings, directories, and network, storage in accordance with standards and project /operational requirements.
* Administered, maintained Red Hat Linux 3/4/5/6, Troubleshooting Hardware, Operating System Application & Network problems and performance issues; Deployed latest patches for, Linux and Application servers, Performed Red Hat Linux Kernel Tuning.
* Building, Installing, Configuring Sun/HP/Dell servers from scratch with OS of Solaris (10/8) and Linux (Red Hat 6.X, 5.X, 4.X).
* Worked on large Data Center Migration Project. Migrated Linux/Unix Servers from one data center to other data center with minimal downtime. Involved in P2P, P2V and V2V migration.
* Design, development, and implementation of the package and patch management process.
* Performing failover and integrity test on new servers before rolling out to production.
* Performed Kick start installations in Linux. Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.