GoverdhanDodda

* **IBM Certified Websphere Administrator**
* **REDHAT Certified Engineer (RHCE /RHCT)**
* **ITIL V3 Certified Professional**
* **Certified Portal / MQ Administrator**
* **Azure DevOps Engineer Expert**
* **Oracle Weblogic 11g Administrator**LinkedIn**:** [**www.linkedin.com/in/goverdhan-dodda-229272b5**](http://www.linkedin.com/in/goverdhan-dodda-229272b5)
* **Certified PRINCE2 Foundation & Practitioner**
* **AWS Certified Solutions Architect**

**PROFESSIONAL SUMMARY:**

* Over 13+ years of IT experience which includes 8+ years of expertise in DevOpsworking on Application Server administration, maintenance, and integration, installation and configuration, tuning, troubleshooting, and automation of IBM WebSphere and Oracle WebLogic Application Servers.
* Automation of environments using CI/CD pipeline tools including, Jenkins, BMC RPD, Containerization with Docker.
* Broad experience across a host of languages, databases, application servers, web servers, network protocols, operating systems, ticketing tools, and monitoring tools.
* Automation of several IAAS services using Terraform.
* Installation, upgrading of Docker enterprise suite like UCP ( Universal Control Plane) and DTR(Docker Trusted Registry)
* Expertise in creating DevOps strategy in various distribution of LINUX and Windows alongside using DevOps tools suites like Subversion (SVN), GIT, CVS, ANT, Maven, Jenkins, Bamboo, Chef, Puppet, Docker, Docker Swarm, Kubernetes, Nexus, Artifactory, Nagios and Splunk in traditional environments, as well as cloud environment like AWS, GCP and Azure.
* Experience on Implementing Terraform and Cloud formation templates as Infrastructure as a Code for GCP, Azure and AWS Public Cloud solutions for various use cases.
* Expertise in AWS, implementing new AWS Cloud platform and its services: EC2,Elastic Container Service, Code Commit, Code Build, Code Deploy, Code Pipeline, S3,Glacier, RDS, EBS, VPC, ELB, Route 53, AWS Auto Scaling, CloudFormation, CloudTrail, Security Groups, [Simple Notification Service](https://us-west-1.console.aws.amazon.com/sns/home?region=us-west-1), [Simple Queue Service](https://console.aws.amazon.com/sqs/home?region=us-west-1) and IAM.
* Expertise with enterprise cloud solutions like Platform-as-a-Service (OpenShift by Red Hat), containers, Kubernetes, cloud management (Red Hat CloudForms), and IT automation (Ansible by Red Hat).
* Experience as a Build and Release Engineer in automating, building, deploying and releasing of code from one environment to another environment.
* Expertise in writing Ansible/Chef playbooks/recipes to automate infrastructure as a code.
* Expertise in designing build process, Software Product Development, Process Automation, Build & Release Management with Continuous Integration (CI) Continuous Deployment/Delivery, Source Code repository & Environment management, Change/Incident Management and Cloud Management.
* Installation, Configuration and Management of RDBMS and NoSQL tools such as Dynamo, MySQL, HBase, PostgreSQL, MongoDB and Cassandra
* Installed, Configured, Managed Monitoring Tools such as AppDynamics, New Relic, Nagios, Zabbix for Application Performance Monitoring and System service monitoring
* Practical Experience in Install, Configure, Automation of Configuration Management tools like Chef, Puppet, Salt and Ansible.
* Highly skilled at supporting web and application servers (Apache, Nginx, NodeJS, JBoss, Tomcat) and Hands-on experience with installing and managing MySQL and MongoDB servers.
* Installed and managed Middleware tools through Chef, Ansible Puppet such as WebSphere Application Server 7.x/8.x, JBOSS GA7/EAP6, IBM IHS, Apache, Nginx and Tomcat.
* Practical experience in Bash, Groovy, Python, Yaml, Json
* Experience on OpenShift platform in managing Docker containers Kubernetes Clusters.
* Expertise in supporting enterprise based distributed applications over a wide range of production environments on a 24/7 on-call rotation basis for high volume, secure transactions and Web services.

**CERTIFICATIONS:**

* **IBM Certified WebSphere Administrator, Network Deployment 6.1, 8.5 Version.**
* **Redhat Certified Technician / Engineer (RHCT / RHCE)**
* **Azure DevOps Engineer Expert**
* **Certified Oracle Weblogic Administrator**
* **Certified IBM Portal / MQ Admin**
* **Certified PRINCE2 Foundation & Practitioner**
* **AWS Certified Solutions Architect**

**COMPUTER SKILLS:**

**Operating Systems** LINUX (RHEL 7, Ubuntu 16, CentOS 7)

**Container Tools**  Docker, Kubernetes, OpenShift, Mesos, ACS, AKS, EKS

**Languages and Scripting**  Java, .Net, Shell, Perl, Groovy Ruby DSL, Python, Scala

**RDBMS/NoSQL**  Oracle, MySQL, Mongodb, Redis, Hbase, Cassandra

**Version Control Systems** SVN, TFS, GIT, Bitbucket

**Continuous Integration tools** Jenkins,Argocd, CruiseControl, Teamcity, Bamboo, Urbancode

**Build and Packaging tools** MSBuild, Gradle, Ant, Maven, SBT

**Web/Application Servers** WebSphere, WebLogic, Apache,Tomcat, Nginx, NodeJS, HAProxy

**Cloud**  AWS, Azure, GCP, PKS

**Logging and Data Analytics** Cloud Watch, SolarWinds Orion, Dynatrace, Nagios, Splunk, AppDynamics

**Monitoring/Graphing** Nagios, Prometheus, New relic, Graphana, AppDynamics, Filebeat, Logstash, elastic search, SumoLogic, Datadog, ELK.

**Virtualization/Other Tools** Vagrant, Packer, Terraform, Chef 12, Puppet 5,Ansible, etcd, Helm, Kops,Docker-Swarm, AD, LDAP and Kerberos, Oath, Nexus, Jfrog,Chef, Puppet, Terraform, Ansible, Puppet, RabbitMQ, SQS, Kinesis, Kafka,OPA (OPEN POLICY AGENT), Active MQ

**WORK EXPERIENCE:**

**Stellantis Jun 22 To Current**

**DevOps Architect:**

***Responsibilities / Contribution:***

* Working as Kubernetes Administrator, involved in configuration for web apps, Azure App services, Azure Application insights, Azure Application gateway, Azure DNS, Azure traffic manager, App services.
* Setting up the complete Kubernetes Dev Environment from scratch to deploy latest tools which is related to Deep learning and machine learning using helm charts on premises BareMetal for different teams.
* Configured V-net integration, Active directory, Encryption and security on Azure using ARM templates and Shell scripts.
* Maintain and configure MongoDB instances, database setup and architecture, Write procedures for backup and disaster recovery
* Ensure that the databases achieve maximum performance and availability, Design indexing strategies for MongoDB
* Worked as SRE and implemented best practices and pillars of googles model SLO, SLA and SLI
* Setting up the complete Kubernetes Dev Environment from scratch to deploy latest tools which is related to Deep learning and machine learning using helm charts on premises BareMetal for different team.
* Responsible to configure alert notification to monitor CPU metrics, VM health's and events logs.
* Deployed VNETS and site-site VPN using PowerShell and deployed VMs into various subnets and enabled communications between subnets. Developed PowerShell scripts and ARM templates to automate the provisioning and deployment process.
* Successfully created kubernetes pipeline of deployment & operation activities where all code is written in java, python & stored into bitbucket, for staging & testing purpose.
* Preferable Azure by creating multilevel hybrid pipeline of CI & CD helped clients to achieve kubernetes platform.
* Automated various infrastructure activities like Continuous Deployment, Application Server setup, stack monitoring using Ansible Playbooks using Jenkins.
* Implemented cluster services using Docker and Azure Kubernetes services (AKS) to manage local deployments in kubernetes by building AKS Kubernetes using Jenkins CVCD pipeline
* Developed Ansible playbooks to manage Web Applications, Environments configuration files, Users, Mount, points and packages. Implemented Co using Jenkins and GIT.
* Familiar with helm charts for deployment manager to use of charts and templates for listed file names.
* Implemented Pod security policies (PSP) in AKS for required best practices and the ability to control what pods to be controlled, scheduled in AKS possible security vulnerabilities or privilege Escalations.
* Familiar with all objects and components in kubernetes like Istio-system, ingress controller, kube-system and deploying pods in selected nodes w Dev and Prod kubernetes clusters.
* Experienced working in Istio installation to enable Node to Node encryption on Azure Kubernetes service for Security requirement that intercepts communication between micro services.
* Implemented Twistlock for rule-based access control policy system for Docker and Kubernetes containers to scan monitor events, runtime, vulne containers, images, Hosts, Registry, Jenkins Jobs.
* Implemented HTTPS Ingress controller and use TLS certificate on AKS to provide reverse proxy, configurable traffic routing for individual Kubernetes
* Moved all Kubernetes container logs, application logs, event logs and cluster logs, activity logs and diagnostic logs into Azure Event Hubs and the monitoring.
* Daily monitoring production servers using Grafana and Prometheus which is integrated with kubernetes, exceptions and report to the team if sc standups.
* Managing Azure DevOps build and release pipeline. Setting up new repos managing the permissions for various GIT branches. Deployed micros provisioning AZURE environment.
* Extended support for existing product teams on how to integrate CI/CD into development life cycle.
* Gather new requirement with product owner and create tasks in the backlog, help with groom prioritize and estimations. Once in every two wee
* Extensive Knowledge and hands-on experience implementing PaaS, IaaS, SaaS style delivery models inside the Enterprise (Data center) and in Public Clouds using like AWS, Azure, and Kubernetes etc.
* Experience working with AWS, Azure, Kubernetes, K8s Infrastructure design, deployment, and operational support.
* 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.
* Composed Cloud formation templates for creating infrastructure in such a way that it can be used creating stacks in different Environments by just changing the Parameter Values in the AWS Environment.
* Created ELB Security Groups, Auto Scaling Groups, spun up GPU Large Instances, ECS Clusters Which Consist of Task Definitions, ECS Services By using single CloudFormation Template.
* Used Terraform Configuration files for creating AWS infrastructure which consist of API Gateway, Elastic Load balancers (Network and Application), IAM roles, DNS using Route 53 services, Multiple ECS Clusters.
* Implemented Docker Swarm to deploy load balance, scale and manage docker containers with multiple name spaced versions and integrated Cluster Management with Docker Engine using Docker Swarm.
* Evaluated Kubernetes for Docker container orchestration. Managed Kubernetes charts using Helm and created reproducible builds of the Kubernetes applications, templatize Kubernetes manifests, provide a set of configuration parameters to customize the deployment and Managed releases of Helm packages.
* Implemented Jenkins pipelines into Azure pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using AKS.
* 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.
* Developed Ansible playbooks, inventories, and custom playbooks in YAML, and encrypted the data using Ansible Vault and maintained role-based access control by using Ansible Tower and implemented IT orchestration using Ansible to run tasks in a sequence which can work on different servers.
* Developed Build and Deployment Scripts using build tools MS Build, Maven in Jenkins to migrate from one environment to another environment and utilized Nexus, Maven, SonarQube.
* Automated Installation and configuration of Apache, Tomcat servers using Python and supported implementations of Kafka and RabbitMQ message servers running Linux and Windows server.
* Implemented relational Databases, NOSQL Database Management systems like MySQL, MSSQL, Oracle, PostgreSQL, Cassandra, CouchDB and Mongo DB.
* Coordinate with vendors like Atlassian, JFrog to review system information, troubleshoot Level 1 to Level 3 issues, reports bugs and submit improvements.
* Implemented AWS Control Tower, Landing zone, Idp (PingFederate ) with coginto and AD integrated with AWS for user management
* [AWS Organizations](https://aws.amazon.com/organizations/?c=sc&sec=srv), Central governance and management across AWS accounts and AWS Guard Duty, Managed threat detection service
* Ensured that security requirements and considerations are woven into the development of each system
* Identify gaps in system compliance against NIST controls
* Provide recommendations to achieve security compliance
* Conduct security engineering reviews of systems that are preparing for ATO assessment
* Use Network security policies to restrict cluster level access, Use CIS benchmark to review the security configuration of Kubernetes components (etcd, kubelet, kubedns, kubeapi),
* Properly set up Ingress objects with security control, Protect node metadata and endpoints
Minimize use of, and access to, GUI elements, Verify platform binaries before deploying
* Restrict access to Kubernetes API, Use Role Based Access Controls to minimize exposure
Exercise caution in using service accounts e.g. disable defaults, minimize permissions on newly created ones, Update Kubernetes frequently
* As a DevSecOps implementation and I am responsible for software development, recognizing the security threats, and configuring the network infrastructure, so should have up-to-the-minute details of cybersecurity threats and the latest software. possess knowledge of the implementation of risk assessment techniques and the latest security best practices.

**Tiffany & Co, Parsippany, NJ May ‘15 To June 22**

**Lead DevOps Engineer:**

***Responsibilities / Contribution:***

* Troubleshooting Issues related to Applications, Infrastructure (Webserver, Middleware, Databases etc), based on Architecture.
* Installation, Configuration and troubleshooting on Sterling Order Management
* Extensive Knowledge and hands-on experience implementing PaaS, IaaS, SaaS style delivery models inside the Enterprise (Data center) and in Public Clouds using like AWS, Google Cloud, and Kubernetes etc.
* Experience working with AWS, Azure, RedHat OpenShift, K8s Infrastructure design, deployment, and operational support.
* Experience on AWS cloud services like EC2, S3, RDS, ELB, EBS, VPC, Route53, auto scaling groups, Cloud watch, Cloud Front, IAM for installing configuring and troubleshooting on various Amazon images for server migration from physical into cloud.
* Experience building Serverless applications on AWS using AWS SAM, API Gateway, Lambda, SQS, SNS, Kinesis, Cognito, DynamoDB, IAM Roles/Permissions.
* Extensive knowledge of Linux Containers (Docker), Kubernetes, and deployment of containerized applications/microservices architectures.
* Cloudbees 2.0 Multibranch CICD Pipeline implementation with Groovy shared library and DevOps Tools like git, JIRA, Maven, Nexus, Sonar and Slack integration for Server less, Micro services, Monolithic applications on AWS and Azure.
* Maintain and enhance automation to support setup and provisioning of new projects in OCP and OpenShift upgrades.
* Support infrastructure, security, Platform as a Service (PaaS) and other updates involving DevOps environments.
* Hands on Automation experience and experience building deployment pipelines and managing configurations.
* Experience with CI/CD tools such as Git, Jenkins, Bamboo, GitLab, Nexus and Jenkins Pipeline (Groovy).
* Experience with application monitoring tools such as SolarWinds Orion, AppDynamics, and Splunk.
* Working knowledge of networking topics such as protocols, load balancers, firewalls, etc.
* Performs on-call activities as needed for the environment, technologies, and Managing cloud infrastructure with 24x7 production operations.
* Experience Container based architecture and deployments (Docker/Kubernetes)
* Experience with infrastructure-as-code provisioning (Terraform, CloudFormation, ARM) and configuration (Ansible, Chef).
* Creation of Integration nodes, Integration servers, applications, Application Message Flows, Resource Managers and Configurable services on IIB.
* End to end WMQ admin support and also have been part of Installations and configurations of WMQ & WMB on various environments like Windows, Linux and AIX.
* Ability to administer the message objects associated with all WebSphere MQ objects such as Queues, process definitions, Channels and Listeners.
* experience in server management, release management, license management, and Cognos installation, tuning, configuration and package management.
* Troubleshooting Issues related to Applications, Infrastructure (Webservers, Middleware, Databases etc), based on Architecture.
* Installation, Configuration and troubleshooting on Sterling Order Management and In-depth Knowledge of Sterling SDF and API’s
* Installation, Configuration and troubleshooting of IIB 9.x along with expertise on creation of Integration nodes, Integration servers, applications, Application Message Flows, Resource Managers and Configurable services on IIB.
* End to end WMQ admin support and also have been part of Installations and configurations of WMQ & WMB on various environments like Windows, Linux and AIX.
* Installation and Configuration of Oracle RMS (Retail Merchandise Operations Management) like Forms and reporting, RIB (Retail Integration Bus), ReSA, and Oracle Identity and Access Management.

***Environment:* Jenkins, GitHub, GitLab, Docker, EKS, AKS, AWS, Azure, Azure DevOps, Kubernetes, Docker, ACS, Prometheus, Splunk, Terraform, Ansible, Jenkins, Git, Azure Boards, Maven, SonarQube, Python, PowerShell, YAML, VSTS, Visual Studio Code, Tomcat, Nginx, Kafka,**

***WAS*8.5.0.2, IHS, Weblogic 10/11g Server Administration, MQ 7.5, Apache, IIS 7.5, Windows 2008/2012 R2, AIX, TOAD, TFS, Cognos BI 10.1/10.2, Tivoli, IIB 9.0.0.1, Sterling Order Management 9.3, Oracle 11.2g, SQL Server 2008/2012, BMC RPD, SCCM, SCOM, Bamboo, TeamCity**

**Bank of America, March10 To May 14**

***Sr. Analyst - Responsibilities / Contribution:***

* Expertise in creating DevOps strategy in various distribution of UNIX flavors (Linux, Ubuntu and SUSE) alongside using DevOps tools suites like Subversion (SVN), GIT, ANT, Maven, Jenkins, Docker, Kubernetes, Nexus, Artifactory, Nagios and Splunk in traditional environments, as well as cloud environment like AWS, GCP, Azure.
* Experience working with RedHat OpenShift Infrastructure design, deployment, and operational support.
* Experience working Linux Containers Docker, Kubernetes and deployment of containerized applications/microservices architectures.
* Automate the process of Dockerized applications provisioning in AWS ECR and ECS.
* Log analysis and alerting monitoring Kibanna.
* Created Ansible playbooks to automate system operations, to deploy applications on Dev, QA, UAT, Stage, production environment and to configure hosted Instances within AWS/VM’s.
* Experience administering Java-based application servers like Jboss, Tomcat and IBM WebSphere.
* Used container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* **Automated PSH Environments (**FundTech based applications used for processing payments**) for deployments, starting / Stopping Environment, Copying Lib /Config Files etc., (single touch deploy).**
* Implemented Horizontal and Vertical Clustering, Performance tuning and trouble shooting of IBM Websphere Application Servers.
* Applied Patches to the WebSphere servers and upgraded service packs of the websphere 7.x from one version to other.
* Involved in setting of High Availability and clustering for WebSphere.
* Hands on experience on SCM tools like Perforce and Clearcase to check-in / Checkout code and changes.
* Used **Autosphere** and **Blade logic** automation tools to install and configure WebSphere and Webservers.
* Creating security roles, group policy, user authentication, auditing and authorization
* Work on Web Security tools- LDAP Server, SSL Certificates and client authentication.
* Installed and configured Apache HTTP Server plug-in to proxy the request from Apache HTTP Server to the WebSphere and WebLogic Servers.
* Configured the WebLogic proxy plug-in and the applications on Apache and SunOne Webservers.
* Instrumentation of JVM’s for monitoringhealth using Wily Introscope tool.
* Monitoring thread usage, connection pool usage, CPU usage, Memory usage and preparing reports for the performance tests, dry run tests and load tests conducted on the Application Servers
* Configured Single Sign-on architecture using Site minder 6.0 and integrated it with WebSphere Application Server and Apache Web Server.
* Developed shell scripts for auto deployment, monitoring JDBC Connection Pool Status, JVM Heap Size, JMS Messages.
* Work with vendors and developers for application related issues and actively involved in minor and major integrated releases.
* Involved in MQ servers administration which include creation and administration of MQ objects, Restating QMGRS, Channels and backing up and purging the messages that are in DLQs, BOQs.etc. And troubleshoot issues related to MQ by looking at the appropriate log files.
* Troubleshoot Build / Release issues related to code branches / streams , VOB’s Merging issues, check code issues before Release etc.,
* Thorough knowledge on Release Management processes and tools.
* Majorly participated in resolving the Defects raised by Testers and Developers.

***Environment: Websphere* 6.1.x,7.x,Websphere Portal Server 6.x, Weblogic 10/11g Server Administration, WebSphere MQ,Apache &IHS 2.0/6.x, Linux, Solaris, AIX,Oracle, Wily Introscope, Sitescope, Splunk, TOAD, Perforce, Clearcase, GitHub, FundTech. Siteminder, Autosys**

**IT Encart Pvt Oct07 To Feb 10**

**Web Administrator -*Responsibilities / Contribution:***

* Installed, Configured and administration of WebSphere 5.x/6.x/7.0/8.0.0.5 Application server in Development, Stage, CIT, SIT, Pre-Prod and Production environments.
* Installed, Configured and administration of Apache 2.1, SunOne 6.1, IBM HTTP Server 2.x/6.x/7.0 and iPlanet 6 web servers in various environments.
* Setup, Configuration, Support and Management of WebSphere environments to ensure system reliability.
* Worked on Deployment and troubleshooting of components and applications in WAR, JAR and EAR formats in Domain and Clustered environments.
* Worked on SSL and digital Certificate generation using Ikeyman, keytool, Openssl and configured in secured environments.
* Server Performance Tuning - Thread Dump Analysis, Core Dump Analysis when Server crashed unevenly
* JMS Configurations– JMS Server, Connection Factory, Foreign JMS server, Message Bridge, Topic/Queue, Distributed destinations.
* Applied the patches, hotfixes, upgrades and plug-ins for WebSphere application server and HTTP web server.
* Involved in WebSphere upgrades and migrations from version 5.x to 6.1, 6.1 to 7.0 and 7.0 to 8.0 for different set of environments.
* Applied Patches to the WebSphere servers and upgraded service packs of the websphere 7.x from one version to other.
* Involved in setting of High Availability and clustering for WebSphere.
* Creating security roles, group policy, user authentication, auditing and authorization
* Work on Web Security tools- LDAP Server, SSL Certificates and client authentication.
* Installed and configured Apache HTTP Server plug-in to proxy the request from Apache HTTP Server to the WebSphere and WebLogic Servers.
* Configured the WebLogic proxy plug-in and the applications on Apache and SunOne Webservers.
* Monitored Weblogic and WebSphere applications using Wily Introscope tool.
* Monitoring thread usage, connection pool usage, CPU usage, Memory usage and preparing reports for the performance tests, dry run tests and load tests conducted on the Application Servers
* Configured Single Sign-on architecture using Site minder 6.0 and integrated it with WebSphere Application Server and Apache Web Server.
* Developed shell scripts for auto deployment, monitoring JDBC Connection Pool Status, JVM Heap Size, JMS Messages.
* Work with vendors and developers for application related issues and actively involved in minor and major integrated releases.
* Opened tickets with Oracle and IBM and worked with them in troubleshooting performance issues.
* Been 24\*7 Support to both Websphere and Weblogic teams.

***WebSphere Application Server* for Network Deployment 6.1.x, 7.0x, WPS 6.x,IHS 2.0/6.x, Linux, Solaris, AIX, IBM DB2, Oracle, Teradata, Wily Introscope, PEGA (PegaRules Process Commander), Datapower X150 Appliance, BroadVision Application Server, Citrix Metaframe, LDAP, Mainframes.**

**EDUCATION:**

* **Masters of Science in Information Technology, USA.**
* **Master of Business Management, India.**
* **Bachelor’s of Computer Applications, India.**