

**Raja Ravindra**

**Summary:**

Over 11+ years IT experience in hands-on Cloud, DevOps tools and Middleware Platforms, working in multiple areas like On-Premises, Cloud, Legacy, and container Orchestration experience for Designing, Development, Integration, QA, User Acceptance Testing, and Production Environments. Continuously seeks opportunities for new domains and technologies.

* Working as DevOps Engineer an Agile methodology of large scale of application to collaborate with different teams and maintained workflow.
* Experienced in automated deployments, scaling, and management of containerized applications across clusters in Kubernetes Services, Docker Swarm, OpenShift and AWS ECR.
* Hands-on experienced with managing applications by implementing AWS services which includes EC2, S3, VPC, ELB, AMI, RDS, IAM (Identity &Access Management), Route 53, Auto scaling,Cloud Front, Cloud Watch, SNS, SES, API Gateway, Security Groups, CloudFormation and Lambda Functions.
* Experience in deploying micro services in OpenShift Cluster, Kubernetes, ECR and Docker
* Strong experience on installing multiple middleware application servers like Tomcat, Apache, Nginx, JBOSS, IIS and WebSphere application servers on AWS cloud platform and on -premises environment.
* Experienced on code repositories/version control system tools like GIT, SVN and Bitbucket
* Experience with Configuration Management tools, Ansible, Terraform, CloudFormation to automate the DevOps and cloud activities
* Worked on all major components of docker like docker demon, hub Images, Registry, Quay for
* maintained Antifactory in binary repository using JFrog artifacts
* Good hands-on experience on installed and configure Docker orchestration, Docker containerization, Kubernetes and OpenShift
* Strong experience with build automation tools like Jenkins, Bamboo and extensively used Jenkins/Bamboo to streamline CI/CD process and automated the application services to implement the end-to-end process
* Hands on experience in deployed and configured EAR, WAR application specific JVM settings, Web container parameters using the Admin Console and Shell/ws admin scripts.
* Worked with IAM to manage the users and groups using IAM by assigning individual policies and roles to each user and group as per requirements
* Installed and configured Splunk, Datadog, Nagios, APM, Grafana, and AppDynamics for monitoring applications, network, and host resources alerts.
* Working and managed documentation of application configurations, business impact, deployment standards and procedures and installation standards.
* Strong debugging and problem-solving skills with excellent understanding of system development methodologies, techniques, and tools.
* Skills in API usage TIBCO Meshery or any other open-source API tools
* Experience working with scheduled reboot jobs by using cronjobs.
* Good experience in Agile methodology to follow the Release /Change /Incident Management
* Have excellent experience with Client Interaction during all major activities and PI planning calls.
* Strong experience on troubleshooting issues in Production environments and provided 24x7 Production support.

**Education:**

* Master of Computer Applications (MCA) from JNTU University in 2011.

**Technical Skills:**

**Application Servers :** WebSphere Application Server, Apache Tomcat, Jboss, IIS

**Web Servers :** IBM HTTP Server, Apache, IIS

**SCM tools :** Git, SVN, Bitbucket

**Build tools :** Maven, ANT, Gradle

**CI/ CD tools :** Jenkins, Bamboo

**Repository tools :** Jfrog, Nexus

**Scripting :** Shell, Python Boto3

**Containerization :** Docker, Kubernetes, OpenShift

**Configuration Management :** Ansible, Terraform, CloudFormation

**Databases :** DB2, Oracle 9i/10g. MSSQL, MySQL, Mango DB, Redis

**Other Tools :** SSH, PUTTY, Remedy, IBM Maximo, Same time, Slack

**API Gateway** **:** APIGEE, TIBCO Mashery

**Operating Systems :** Linux RHEL, Ubuntu, AIX, Windows

**Bug Tracking Tools :** JIIRA, SNOW

**Log &Monitoring Tools :** Splunk, Datadog, APM, Grafana, Prometheus, Nagios,

BlueCare, Ipsoft, AppDynamics, JAVA Melody, IBM ISA

**Cloud Platform :** AWS EC2, ECR, VPC, S3, ELB, ALB, EBS, Route 53, Auto scaling,

CloudWatch, API Gateway, Lambda, IAM, ECR

**Technical Expereince:**

**Charter Communications, Dallas, TX Sep 22 to Till date**

**Project Name: Spectrum**

**Senior AWS Devops Engineer**

**Responsibilities:**

* Working on configuration and deploying the enterprise applications in distributed systems
* Working on the Atomic Release Automation to deploy the enterprise applications end to end automation
* Working on the CAAS-Kubernetes services to host the application in different environments
* Working on the Weblogic, Apache, Apache Tomcat and middleware application server version upgrades on different platforms
* Working on the TKGI and PKS version upgrades on CAAS kubernetes clusters
* Working on the Ansible tower to automate the configuration task and release automation on the production and DR environment based on the blue/Green policy
* Responsible for tagging and maintain code on version control GIT
* Working on to create the configmap, secretes to onboard all the micro services in CAAS platform
* Experience in setting up CI-CD pipelines using Jenkins, Test / Deployment / Release Automation experience, and Environments provisioning
* Experience in managing and maintaining servers in production environment hosting critical applications with high availability
* Experience in system administration tasks in Linux, Unix, or Windows, with familiarity with standard IT security practices
* Take ownership of issues and act with high sense of urgency when required
* Participate in problem management processes to resolve root cause of failures and improve performance and reliability of systems and networks
* Participate in troubleshooting of infrastructure and/or application related issues
* Experience with Nagios monitoring and log monitoring tools, specifically Datadog.
* Experience in working on AWS and its services like AWS IAM, VPC, EC2, ECS, EBS, RDS, S3, Lambda, ELB, Auto Scaling, Route 53, Cloud Front, Cloud Watch, Cloud Trail, SQS, and SNS
* Experienced in Cloud automation using AWS Cloud Formation templates to create custom sized VPC, EC2 instances, ELB and Security groups
* Experienced in creating complex IAM policies, Roles and user management for delegated access within AWS
* Experience on S3 storage, and API creation using terraform.
* Created folders in buckets and adding objects to buckets and folders and adding permission to S3 storage.
* Good experience on creating API and Lambda creation using Terraform scripts
* Experience on EMR, SNS and SQS in AWS
* Experience on creating volumes and taking backup of existing EC2 using CFT/Terraform
* Created a monitoring system to track the status of all AWS resources, including EC2 instances and RDS databases
* Implemented Auto Scaling Groups for increased capacity using Terraform/CloudFormation templates in conjunction with Lambda functions

**Environment:** OCP, Kubernetes, Docker, Docker Swam, Git, Bitbucket, Maven, SonarQube, Bamboo, Helm, ArgoCD, Kafka, Redis, Splunk, Grafana, Prometheus, Datadog, Nagios, Snyk, Checkmarks, Prisma Cloud, APM, Nodejs, Python, Shell, Terraform, Ansible, IHS, Apache, Nginx, AWS(EC2, Security Groups, API Gateway, Lambda, S3, Application load balancing ALB, Network load balancing NLB, IAM, Auto Scaling, VPC)

**Anthem, Remote Sep 20 to Aug 22**

**Project Name: Broker Portal**

**Lead AWS Devops Engineer**

**Responsibilities:**

* Maintaining CI/CD environments with build automation tools like Jenkins, Bamboo and extensively used Jenkins/Bamboo to streamline CI/CD process, automated the application services to implement the end-to-end deploy automation
* Working on configuration and deploying the applications like Angular, Microservices and Nodejs applications on Docker, OCP and Kubernetes
* Configured S3 static to CloudFront for static web site hosting and created pipeline for build and deployment
* Implemented the Release practice and responsible for pushing builds into QA / UAT /Pre-Production/ Production stages
* Providing instructions while going patching activity on on-prem environment
* Creating checklist for enterprises production release activity
* Worked on Splunk. configure the log applications logs to forward to Splunk to make easy to identify applications related issue
* Extensive experience working on Agile process environment like (Kanban board, Miro board)
* Involving with troubleshooting and resolved the day-to-day issues of applications in all environments.
* Working on installing and configuration for containerization like Docker, Docker Swarm, Kubernetes and OCP
* Working on designing, building, and automating cloud infrastructures on Amazon web services, like EC2, S3, ELB, ALB, Route53, VPC, Auto scaling etc.
* Worked on implementing proof of concept (POC) and full-scale transformations that enable automation and continuous integration/​deployment to customer applications
* Configured SNS, SQS, API and AWS Lambda functions based on the developer requirement
* Create new environments for deploying applications based on the business requirement.
* Administration of Git includes creating branches, tagging, access permissions and setting up hooks
* Responsible for tagging and maintain code on version control GIT
* Perform code tests for the applications deployed and troubleshoot the application for the issues that arise as part of the smoke test process
* migrating applications from legacy AWS to new AWS landing zone
* Created python scripts for image push into ECR and RDS and EBS volume snapshot
* Created multiple IAM roles and inline policies
* Working with OCP to orchestrate the deployment, scaling, and management of applications pods
* Used automated scripts to perform routine management tasks on Docker and application server

environments like monitoring, Disk Space, CPU & Memory Utilization.

* Configured and working on Splunk, Datadog, Nagios, Grafana for monitoring application services health, network services and host resources.
* Responsible to analyze the client’s request and resolving the issues by setting up Bridge calls for

Production issues and Investigate in all aspects of the event until it gets resolved or to escalate if necessary

* Highly proficient in automating environment builds, administration and deployment operations using standard scripting utilities like Shell scripting.
* Working on all major issues based on SLA in SWAT and teams calls
* Worked on SSL certificate implementation/renewal for on prem servers, UI applications, OCP services
* Working on to create the configmap, secretes to onboard all the Microservices in OCP platform
* Working on preparing the documentation if any new/issues and shared to team as well updated in confluence.
* Provided Production support for the client on 24/7 basis.

**Environment:** OCP, Kubernetes, Docker, Docker Swam, Git, Bitbucket, Maven, SonarQube, Bamboo, Helm, ArgoCD, Kafka, Redis, Splunk, Grafana, Prometheus, Datadog, Nagios, Snyk, Checkmarks, Prisma Cloud, APM, Nodejs, Python, Shell, Terraform, Ansible, IHS, Apache, Nginx

AWS(EC2, Security Groups, API Gateway, Lambda, S3, Application load balancing ALB, Network load balancing NLB, IAM, Auto Scaling, VPC)

**Legato Health Technologies, Hyderabad, India May 2018 to Aug 2020**

**Project Name: SOA, IngenioRX, 10x, NLP, Employer Portal, Coins, CIW**

**Senior AWS Devops Engineer**

**Responsibilities:**

* Worked on deployment automation of all the microservices to pull image from the private Docker registry and deploy to Docker swarm cluster
* Experience with Bamboo to streamline CI/CD process, automated the application services to implement the end-to-end automation
* Working in core AWS services (S3, EC2, ECR, ALB, ELB, EBS, Security groups, Autoscaling etc.)
* Worked with python PIP modules, MySQL and docker to setup the NLP project
* Created multiple SNS and SQS Topics
* Having experience in Docker, containerizing applications using Docker, and managing the Docker private registry (Docker Hub).
* Used Kubernetes to orchestrate the deployment, scaling, and management of Docker Containers.
* Created, modified, and customized Docker files, Docker images running java applications
* Highly proficient in automating environment builds, administration and deployment operations using standard scripting utilities like Shell scripting.
* Worked in issues like application not responding, application deployment errors, data base related issues, server hung due to out of memory or thread hanging issues.
* Worked with various components of Docker like Docker Engine, Docker hub, Docker Registry
* Experience with container-based deployments using Docker Cluster
* Having experience in Docker, containerizing applications using Docker, and managing the Docker private registry (Docker Hub).
* Created, modified, and customized Docker files, Docker images running java applications

**Environment:** Docker, Docker Swam, Git, Bitbucket, Maven, SonarQube, Junit, Bamboo, Kafka, Redis, Apigee, Urban Code Deploy, DataPower, Splunk, Grafana, Jfrog, APM, Nodejs, Python, Shell, Terraform, Ansible, IHS, Apache, Nginx AWS(EC2, Security Groups, API Gateway, Lambda, S3, Application load balancing ALB, Network load balancing NLB, IAM, ECR, Auto Scaling, VPC)

**IBM, Hyderabad, India April 14 to May 18**

**Project Name: DANONE**

**Senior AWS Devops Engineer**

**Responsibilities:**

* Having experience in Docker, containerizing applications using Docker, and managing the Docker private registry (Docker Hub).
* Having knowledge on Docker files to build the Docker images.
* Created Docker files and build images and push to Docker Private Registry.
* Good hands-on experience on installing multiple middleware application servers like Tomcat, Apache, Nginx, Jboss, IIS and WebSphere application servers on AWS cloud platform and on-premises environment
* Configured WebSphere Global Security using with federated repository LDAP registries on WebSphere and added the users with various roles to access the WebSphere admin console users and groups.
* Good Experience in creating and implementing horizontal cluster.
* Experience in grant the user permission to metrics and connections from both was console and IBM connections console.
* Configured and working on Splunk, AppDynamics, BlueCare, Netdata and Ipsoft while using it for monitoring network services and host resources.
* Responsible to analyze the client’s request and resolving the issues by setting up Bridge calls for

Production issues and Investigate in all aspects of the event until it gets resolved or to escalate if necessary

* Created horizontal clusters for scalability, High availability, and load balancing solutions.
* Created, updated, and reviewed PMRs and worked closely with respective product team and application teams for the resolution of the issues.
* Configured JDBC, connection pools and data sources with Oracle/DB2.
* Took heap dumps and java core dumps for problem analysis to provide RCA.
* Worked on p1 p2 Problem tickets based on SLA.
* Applied Fix packs for the problems to be solved with AppServer as per recommendation.
* Worked on SSL certificate implementation/renewal in web sphere application server and IHS web server
* Have excellent experience with Client Interaction during all major activities and Build/RFS activates
* Good experience in preparing the documentation if any new/issues and shared to team as well updated in document room.
* Worked on troubleshooting issues in Production environments and provided 24x7 Production support

**Environment:** Docker, Git, Maven, SonarQube, Jenkin, Ansible, IBM WebSphere Application Server, Apache Tomcat, Jboss, IIS, Nginx, IBM HTTP Server, Apache, MySQL, SQL, Oracle, DB2, Linux, Windows, Nexus, BlueCare, Ipsoft, Netcool, AWS Services (EC2, Security Groups, S3, ALB, NLB, IAM, Auto Scaling, VPC)

**Suryoday Bank, Andhra Pradesh, India Nov 11 to April 14**

**Devops Engineer**

**Responsibilities:**

* Worked on Installed and configured IBM WebSphere Application Server 7.0 and 6.x., IBM HTTP Server to integration with various operating systems like Linux, Windows platforms.
* Configured JDBC, connection pools and data sources with Oracle/DB2.
* Worked in issues like application not responding, application deployment errors, database related issues, server hung due to out of memory or thread hanging issues.
* Took heap dumps and java core dumps for problem analysis to provide RCA.
* Worked together with different support teams for Releases, Troubleshooting and Changes
* Worked on p1 p2 Problem tickets based on SLA.
* Created horizontal clusters for scalability, High availability, and load balancing solutions
* Worked on application alert, CPU, Disk space and file system issues
* Applied Fix packs for the problems to be solved with AppServer as per recommendation.
* Worked on SSL certificate implementation/renewal in web sphere application server and IHS web server
* worked with scheduled reboot jobs by using cronjobs

**Environment:** IBM WebSphere Application Server, Apache Tomcat, Jboss, IIS, Nginx, IBM HTTP Server, Apache, MySql, SQL, Oracle, DB2, Linux, Windows