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| **Professional Summary** |

* A Cloud enthusiastic team player having around **8+ years of** Experience in IT industry as a DevOps Engineer in architecting, supporting, automating, and optimizing mission critical deployments over large infrastructure. Proficient with Cloud Computing, Source code management and in developing CI/CD pipelines, DevOps processes, Agile Methodology and Application administration.

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| **Key Skills** |

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| * Cloud: GCP, AWS * Version Control: GIT/Bit-Bucket | * Kubernetes (GKE) Administration * Middleware (WebSphere/JBOSS) |
| * Linux Administration | * WebSphere Commerce Server |
| * Jenkins, Cloudbuid, Codefresh - CI/CD | * Agile Methodologies |
| * Micro services (Docker) | * Twistlock Security Suite |
| * Pipeline Automations | * GCP Serverless Architecture |
| * Terraform – Infra as a Code | * Jira, ServiceNow, Maximo |
| * Monitoring (Prometheus, Grafana, Kiali, Jaeger tracing, Stackdriver) * Istio Service Mesh | * Checkmarx SAST |

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| **Education** |

* B.tech (Electronics & communication Engineering) from **JNTU** **UNIVERSITY, Anantapur(2008-2012)**

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| **Work Experience ( 8+ Years )** |

**Company** **:**  **HCL Technologies Ltd**

**Position**  **:** Senior Technical Lead

**Profile**  **:** Solution Designer – GCP DevSecOps

**Duration** **:** February 2021 to Till date

**Company** **:**  **Devon Software Services Pvt Ltd**

**Position**  **:** Senior Development Specialist

**Profile**  **:** DevOps Engineer

**Duration** **:** October 2018 to January 2021

**Company** **:**  **IBM India PVT LTD (GBS)**

**Position**  **:** Infrastructure Specialist Application Administration

**Profile**  **:** Infrastructure Specialist & DevOps

**Duration** **:** 24th Feb 2016 to 1st October 2018

**Company : IBM India Pvt Ltd (GTS) - Contractor**

**Position :** Middleware Administrator

**Duration :** 13thMay 2013 to 17th Feb 2016

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| **Certifications & Trainings** |

* AWS Solution Architect Certified – **Expired**
* IBM Certified System Administrator - WebSphere Application Server Network Deployment V8.5
* Certified Kubernetes Administrator (CKA)
* Completed Site Reliability Engineer Foundation Training.

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| **Work Description** |

**Project Summary:**

**Project # (Banking)**

**Client :** ANZ Bank, Australia

**Role :** Solution Designer - GCP

**Environment :** Google Cloud, Docker, GKE, Terraform, Istio Service Mesh

**CI/CD Tools :** Jenkins, CloudBuild, Codefresh, Git, Bitbucket, JFrog,

**OS :** Linux

**Languages. :**  Bash, Shell scripting

**Monitoring tools:** Stack Driver, Prometheus, Grafana, Kiali, Jaeger Tracing

**Responsibilities**

* Worked on **google cloud platform (GCP)** services **like GKE, Compute Engine, IAM, GCS, Pub Sub, , Stack-Driver, Monitoring, VPC, Load Balancing.**
* Developed strategy for cloud migration and implementation of best practices using GCP services
* Delivering Proof of Concepts for new Solutions on Google Cloud
* **Implementing the DevSecOps processes** that integrates security as part of CI/CD lifecycle
* Developed and implemented automated **CI/CD** pipelines for code deployments using **Codefresh**, **CloudBuild**.
* Integration of **SAST** and **Twistlock** Security Suites as part of CI/CD.
* Build and deployed **Docker**, improving developer workflow, increasing scalability, and optimizing speed.
* Manage Cloud infrastructure services and **IAM** permissions.
* Managing **Istio Service Mesh** to Secure service-to-service communication encryption,Automatic load balancing for HTTP, gRPC, WebSocket, and TCP traffic
* Maintained Git workflows for version controls (**GIT**, **JFROG**).
* **Bash shell-scripts** to automate routine activities.
* Developed **Terraform** Scripts and modules to create, configure, and manage cloud infrastructure for host projects and service projects.
* Setup GCP **Firewall** rules to allow or deny traffic to and from the VM's instances based on specified configuration
* Working with engineering and upstream teams on day-to- day environment issues on DEV and TEST env.
* Point team player on **Kubernetes** for creating new Projects, Services for load balancing and adding them to Routes to be accessible from outside, Creation of Pods through new application and control the scaling of pods, troubleshooting
* Provide thought leadership as organization migrates to modern development practices
* Application monitoring using Google **Stackdriver, Prometheus, Grafana**
* Istio Service Mesh Monitoring using **Kiali, Jaeger tracing**

**Project # (E-commerce B2B)**

**Client :** Kramp, Netherlands

**Role :** DevOps Engineer

**Environment :** Google Cloud, GKE, WebSphere Application Server 7.X, Apache Solr Search,

WebSphere App Server, WebSphere Commerce Server

**CI/CD Tools :** Jenkins, CloudBuild, SVN, Bitbucket, JFrog, Maven

**OS :** AIX, Linux

**Monitoring tools:** Dynatrace, Stack Driver, Pager

**Responsibilities**

* **Hands on experience on Google Cloud Platform services like GKE, Compute Engine, Cloud Functions, Cloud Run, Cloud KMS, IAM, Datastore, Storage, Pub Sub, Dataflow, Stack-Driver, Monitoring, VPC, Load Balancing.**
* Hands-on experience setting up **Kubernetes** (k8s) Clusters for running microservices, implementing autoscaling, Kubernetes services (ClusterIP, NodePort, Ingress), Troubleshooting and administration of **Kubernetes (GKE)** cluster of various environments.
* Developed and maintained automated **CI/CD** pipelines for code deployments using **Jenkins**, **CloudBuild**.
* Build and deployed **Docker** containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Manage Cloud infrastructure services and **IAM** permissions.
* Set-up databases **in GCP using Redis, datastore, and create storage buckets with fine grained access control.**
* Create **Disks**, **Volumes**, and scripts to take **snapshots** of volumes.
* Maintaining secrets as part of **cloudbuild** pipelines and **secret manager**
* Implemented **Cloud-Schedulers** and K8s Cron-Jobs to run daily sync jobs for multiple services
* Deploying and managing serverless function **Cloud-Run** and **Cloud-Function**
* Provide the permissions and required access to all the **pub/sub topics**
* Setup **Alerting** and **monitoring** using **Stackdriver** in **GCP**.
* Create custom log metrics using **Stackdriver** logging and create charts and alerts using the custom log metrics.
* Maintained Git workflows for version controls (**Bitbucket, SVN**)
* **Bash shell-scripts** to automate routine activities.
* Administering **Linux**/**AIX** systems and server infrastructure/architecture
* Working with the **Agile** development team
* Worked with Product Owners/Release Managers and development teams to support **Build/Release** Management.
* Developed **Ansible**, **Terraform** Scripts and modules to create, configure, and manage cloud infrastructure.
* Monitoring, troubleshooting and issue resolution for relevant web applications and database servers.
* Operational experience deploying and maintaining high-availability web applications and services.
* **Monitored serves, application performance Linux scripts regularly.**
* **Provided support by 24x7 shift rotation basis.**

**Project # (AutoMobiles)**

**Client:** Honda, North America

**Role:** DevOps Engineer - AWS Cloud &Middleware Administration

**Environment:** Amazon web services, WebSphere Application Server 8.5, JBOSS EAP 7.0

**CI/CD tools: Jenkins, SVN, Apache Archiva repository, SonarQube**

**OS:** AIX, Linux

**Roles:**

* Responsibilities include Installation and Configuration of **WebSphere Application Server, JBOSS EAP**, in Non-Prod, Production Environments.
* Installed and Configured **Jenkins** for Continuous integration and deployment
* Maintained SVN repositories for **DevOps** environment: automation code and configuration.
* Collect the new technologies and tools and introduced them to the company; in which way it helped the company build up an agile development environment. It improved the product quantity and the work efficiency.
* Managed **GitHub** repositories and permissions, including branching and tagging.
* **AWS** services administration and actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and including backups, patches, and scaling.
* Technologies Used to Create Solutions – AWS (EC2, ELB, Route53, Cloud Trail, S3 & S3 Glacier, Cloud Front, Dynamo DB, VPC creation, setting up Cloud Watch)
* Worked as a **Release engineer** for the releases.
* Used **shell** scripts to automate the deployment process.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Reduced deployment time for critical agile project infrastructure.
* Installed and configured Manage Engine to constantly monitor network bandwidth, memory usage, and hard drive status.
* Creation of SSL Certs, renewals of certs, updating **SSL** protocols and vulnerability fixes in Production, UAT and Dev Environments.
* Created user and groups using IAM and assigned individual policies to each group.
* Create and configure Cloud bucket with restricted policies and Created backups.
* Worked on tickets assigned by the helpdesk.

**Project # (AWS)**

**Client :** US Based Consulting Company

**Role :** Cloud Infrastructure Specialist

**Environment :** EC2, ELB, AMI’s, VPC, S3

**OS :** Linux

**Responsibilities**

* Worked closely with DevOps Architects to analyze, review and finalize the design on tools Implementation
* Setting up AWS infra as per there requirement, Plot the right services from the infra, End to End Implementation of the Solution
* Deploying new Ec2 Instances
* Created environments using VPC (VPC Peering), EC2, ELB, S3(Versioning)
* Installing Java, JBoss in EC2 machines.
* Creating snapshots and AMIs of the EC2 instances for backup and creating clone instances

**Project #**

**Role : Infrastructure Specialist**

**Client : Godrej**

**Environment : WAS 8.5, IHS 8.5, IBM DB2, LINUX, MQ**

**Roles and Responsibilities:**

* **Setting up and maintaining Dev, QA, Stage and Production environments**
* **Installing and configuring a complete WebSphere commerce environment including WebSphere Application Server, WebSphere Commerce Server, DB2, IBM HTTP server, MQ.**
* **Applying fix packs and feature packs on WebSphere application server and WebSphere Commerce server and enabled various feature pack features.**
* **Enabling security using SSL and configuring LDAP**
* Installation and configuration of WebSphere **Edge Load Balancer.**
* Installation and configuration of Tivoli Directory Server (**LDAP**) and setting up peer to peer replication.
* Installed and Configured Jenkins to use as a Continuous integration tool for automation of daily process
* Built scripts using **maven** build tools using Jenkins

**Project #4(Ticketing Tool)**

**Role : WebSphere Administrator**

**Client :**  IBM Internal (Application Innovation & Cloud Services)

**Project :** IBM Control Desk(MAXIMO TICKETING TOOL)

**Platform :** AIX, Linux, DB2

**Technologies :** WebSphere Application Server 8.5, IHS 8.5. TDS 6.3, Edge Load Balancer 8.5

**Team Size :** 6

**Responsibilities:**

* Installation and Configuration of **WebSphere Application Server**
* Installed IHS Server on different nodes and configured them by generating the plug-in.
* Experienced in Setting up of Nodes, Data Sources, including planning installation and configuration of WebSphere Application Server.
* Created multiple Profiles on WebSphere Application server 7.x.8.x
* Hands on experience in deployment of J2EE applications on WebSphere Application Servers 7.x.8.x
* Involved in Configuring WebSphere resources such as JDBC Provider, Data Sources and Connection Pooling in order to connect to Oracle, DB2 databases.
* Successful implementations of Workload Management (WLM) using clustering techniques including Horizontal and Vertical Clustering for failover.
* Experienced in SSL certification creation and renewal for both application server and webserver.
* Involving Service level management process such as Incidents and Implementing Change Requests and Request Managements
* Created new Virtual Hosts, host aliases and done the generation, propagation of plug-in.
* Experienced in applying Fix Packs & Refresh Packs for Web Sphere application server.
* Monitoring server health and application health.
* Experienced in Configuring and enabling the Global Security System WAS Administration for console users and console Groups.
* Troubleshoot L1/L2 issues related to WebSphere architecture and applications in conjunction with helpdesk, development team, networking team, and vendor.