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| **Balaji Lalapeta****Email:** balaji.lalapeta@gmail.com **Mobile No**:+91 7981480908  |
| **Career Objective**An accomplished professional seeking a challenging position that has a perfect blend of scope to innovation, technology and world class business management where I can contribute my best towards the growth of technology and as well as the organization.**Professional Synopsis*** Over 14+ Years of diverse experience in DevOps, AWS Infrastructure, Release Management, ESA Project Management, Estimation & Sizing, Requirement Gathering, Analysis, Design, Development, Quality Process, Code Reviews, Unit Testing, and Regression Testing.
* Over 5+ years’ experience in the DevOps, Release Management and Team Lead.
* Nearly 1 Year of experience in implementing organization adopting cloud strategies based on Amazon Web Services (AWS).
* Expert in cloud technologies like AWS VPC, EC2, IAM, S3, ELB, Load Balancer, Target Group, CloudWatch and Autoscaling.
* Have good hands on experience in deploying web applications on to their respective environments on AWS EC2 instances.
* Strong hands-on experience in CI/CD tools like GitHub, Jenkins, SonarQube, Maven, Nexus Repository, Spinnaker, Cobertura, Jacoco and Shell scripting.
* Experience working with CI/CD implementation a Microservice architecture.
* Experience in handling DevOps projects end-to-end from execution plan to closure report.
* Experience in handling the Cloud tools like Google Cloud Platform (GCP).
* Project management experience involving cross-functional projects with multiple dependencies and constraints.
* Built and maintained QA environments and performed daily installs of software packages for the QA and Training teams that increased the environment uptime.
* Facilitated successful Release of Code from Engineering to Production by proactively & reactively working with Client, Product Management, Development, QA and Operations.
* Compiled status reports and led project leadership meetings with senior management and resource managers to review progress and discuss risks and issues.
* Introduced new processes that improved efficiency and reduced number of unwanted mistakes in using the environment effectively.
* Identifies & articulates implementation risks, mitigation strategies and creates contingency plans.
* Implemented the Value-adds at project level and as well as port polio level to meet client needs.
* Good leadership and mentoring skills with the ability to train and motivate team members in optimizing their abilities in CI/CD tools.
* Knowledge on GitLab, Gradle, Dockers, Puppet, AWS CI/CD tools are CodeCommit, CodeBuild, CodePipeline, CodeDeploy, Terraform and Ansible.

**Technical skills**

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| Version Control Tools | GitHub, GitLab, SVN, AWS CodeCommit |
| CI Tools  | Jenkins, AWS CodeBuild, AWS CodePipeline |
| Build Tools  | Maven, Gradle, Unix |
| Deployment Tools  | Spinnaker, LARA, AWS CodeDeploy |
| Code Coverage Tools  | SonarQube, Cobertura, Jacoco |
| Artifactory Tools | Nexus, AWS S3 |
| Monitoring Tools  | ELK, QTV, AWS CloudWatch |
| Ticketing Tools | Jira, ALM(Application Lifecycle Monitoring), ServiceNow |
| Cloud Tools | AWS(Amazon Web Service) tools like EC2, VPC, IAM, ELB, Cloud Watch, S3 and GCP (Google Cloud Platform) |
| Programming Languages | Java, Unix/Linux |
| Scripting Languages | Terraform, Shell, Groovy |
| RDBMS | Oracle 10g, DB2, SQL |
| Application Servers | WebSphere7.1, Web Logic 8.1 & Apache Tomcat |
| CRM Tools | Oracle RTD 3.0.0.1 GA, Epiphany Studio 6.5.x (Sales & Service), EPNY RealTime Studio 6.5.x (Interaction Adviser) |
| IDES | Eclipse 3.2 |

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# Professional Experience

Cognizant Technology Solutions, Hyderabad as a Senior Associate since Jul’07

TechRP Tech. Solutions Ind. Pvt. Ltd, Hyderabad as a CRM Module Lead Nov’05-Jul’07

# Responsibilities

* Launching and configuring of Amazon(AWS) EC2 servers using AMI’s and configuring the servers for specified environments.
* Creating VPC, Subnets(Public & Private), Route Tables, Internet Gateway, Transit Gateway for new environment and provisioning instances in the respective VPC.
* Worked exclusively on making applications more scalable and high available system in AWS by using Load Balancers (ALB & NLB) & Target Groups.
* Created AMI images of the critical EC2 instances as backup using AWS.
* Setup and attached EBS volumes and IAM roles to EC2 instances for connecting it through SSM.
* Created VPC endpoints and provided appropriate security groups.
* Created and modified EC2 instances, EBS volumes, RDS by using Terraform Script.
* Successfully upgraded Terraform & Ansible versions as per client requirements.
* Successfully upgraded CoreFTP versions for SFTP & WFTP instances.
* Successfully implemented & installed the CA certificate on new servers and renew the certificate on windows environment.
* Successfully implemented the windows updates, Active hours, install the new softwares, add local users, and enable cross.zone LB for NLB.
* Successfully created the Release branches and merge the code through PR in GitHub repository.
* Successfully implemented the Web hook services in GitHub repo.
* Created the users then provided branch access and protected the branches after went to staging & production in GitHub.
* Configured the Jenkins Home directory, GIT, Maven, Java, SonarQube, Nexus, Slack, Jira, Sonarqube Quality Gates, Kubernates and Containers under Configuration in Jenkins.
* Enabled Security Realm for Jenkin signup, Authorization for role based strategy, Script Security for Job DSL and Agent for Master Access Control under Configure Global Security in Jenkins.
* Successfully configured the required plug-ins like Active Choice, Artifact Deployer, Build Metrics, Build History, Gradle, Git, Jacoco, Cobertura, Maven Integration, Nexus Artifact Uploader, OWASP Dependency-Check, PMD, Sonar Quality Gates, SonarQube Scanner, and TestNG Results under Plugin Manager in Jenkins.
* Successfully created the users and assigned them based on roles in Jenkins.
* Successfully implemented the free style jobs in Jenkins.
* Implemented the Jenkin pipeline scripts for Microservice in Dev environment.
* Implemented the Jenkin parameterized build script for Microservice.
* Successfully implemented the ConfigMap script in Jenkins and as well required changes are made in GCP Spinnaker for Dev, Dev2 & QA environment.
* Successfully implemented the Jacoco & Cobertura for Code coverage in the Jenkins for Micro Services.
* Created the pipelines in Jenkins and Spinnaker for DR (Disaster Recovery) in Prod.
* Created the NodePort, Secrets, and User Database and added the AppD parameters in Spinnaker for DR Pipelines and configuration.
* Knowledge on using the Kubernetes and Docker on GCP.
* Good Knowledge on Creation of ingress LoadBalancers and forwarding rules.
* Managing and supporting security related issues, such as Firewall Rules, IAM and Cloud Storage policies.
* Good understanding of building Docker images and using them in the respective environment.
* Managing and configuring Containers on GCP according to the environment.
* Successfully implemented automatic deployment using the GCP Deployment Manager Service.
* Successfully installed the required plugins and upgraded as well in Jenkins.
* Successfully implemented the SonarQube dashboard reports for Micro Services.
* Successfully implemented the Cobertura Code Coverage reports for Micro Services.
* Successfully executed the build & deployments in Dev, Dev2 & QA environments as per developer request on daily.
* Responsible for User creation and assign roles to user in Jenkins, GIT, Nexus and Sonrqube.
* Responsible and Publish the DevOps KPI metrics to leadership team.
* Successfully troubleshooting and provided the solution for any issues are occurred in GitHub, Jenkins, GCP, Spinnaker and Nexus.
* Used JIRA for task master for project status tracking and ticketing mechanics.

# Education

# Master of Computer Applications (MCA), Madras University, Chennai, Tamil Nadu.

# Project Details

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| **Client** | **Project**  | **Duration**  |
| FactSet, USA | Vermillion | Aug 2019 – till date |
| Kaiser Permanente, USA | O&A Hub Automation | Nov 2018–Jul 2019 |
| Papa John’s International, USA | Papa john’s International Transformation Mapping | Apr 2018–Oct 2018 |
| Cargill, USA | Cargill Trading – Lynx | Mar 2017–Feb 2018 |
| American Express, USA | Global Personalization Capacity Planning | Sept 2011–Feb 2017 |
| American Express, USA | Single Journey, Card Center & OPEN COP | Jan 2011–Aug 2011 |
| American Express, USA | Q3-Q4 Integration (MYCALOGIN, DES, PBC (Pay by PC) & Resup) | Apr 2010–Dec 2010 |
| American Express, USA | Personalization Transformation (MYCALOGOFF and iNav) | Oct 2009–Apr 2010 |
| American Express, USA | CMSJ (Card Member Single Journey) | May 2009–Sept 2009 |
| American Express, USA | PAR 100 (Pre-Approved Recognized experience for 100% of Card Members) | Sep 2008–Apr 2009 |
| American Express, USA | Package Spilt | Mar 2008–Aug’2008 |
| American Express, USA | SMART5 (Service for marketing Aggregation and Response Transformation) | Aug 2007–Feb 2008 |
| Care first (Blue Cross Blue Shield), USA | USS (Unified Source Systems) | Nov 2005–Jun 2007 |