**BALAJI S**

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***In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization***

**3.2 years** of Software Industry experience in IT area, Persuasive communicator with exceptional relationship management skills with the ability to relate to people at any level of business and management, highly ethical, trustworthy and discreet.

**Professional Summary**

* Experience in creating, configuring and maintaining Amazon **EC2** virtual servers.
* Experienced in **Cloud Watch, Elastic IP** and managing **AWS infrastructure**, **Security Groups on AWS.**
* Experienced using in AWS Services: **EC2, ELASTIC LOAD BALANCER, AUTO SCALING, VPC, S3, RDS, IAM, ROUTE53, CLOUD WATCH.**
* Good working experience in building and deploying Java web applications in **Windows** and **Linux** environment.
* Hands on experience with **Kubernetes**.
* Hands on experience with Docker to creating Images, Containers, Docker-Compose & Docker swarm using in the Production & Test Environment.
* Build and deployments under different testing environments starting from development to staging and pre-production.
* Hands on Knowledge in version control system like **GIT.**
* Hands on knowledge with build tool like as **Maven**.
* Automated Build and deployment process across Java & .Net projects using **Jenkins**.
* Hands on experience with **Chef** Configuration management tool.
* Developing **Cookbooks** and recipes as per the requirement and deploying the builds using **Chef.**
* Developing cookbooks for **roles** and **Environments** based, so that infrastructure can changed up on the Environments as per our required desired state**.**
* Work with various members in the team to automate and evolve build and deployment infrastructure.
* Hands on knowledge with Installation and Application server’s configuration and management (**Tomcat**).
* Knowledge on **Shell Scripting and** scheduling scripts using **Cron Tab.**
* Worked on ticketing tool like **JIRA**.
* Knowledge of software development life cycle methodologies **Waterfall, Agile**.
* Docker using for setting up application specific container to the Testing environment on the Developer environment.
* Ensure 24X7 support to all Test the analysis of system troubleshoot issues, application related issues on Production environments.
* Strong knowledge of SDLC Activities like Agile methodology Inform through Mail the compilation Errors to the responsible team with error issues. Should have a good understanding of the Software Test Life Cycle**.**, Responsible for setting/configuring new environment for the required project.

**Work Profile**

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| --- | --- |
| Current Designation | : DevOps Engineer |
| Area of Work | : DevOps |
| Domain | : Supply Chain Management, Tele communication and Banking |
| List of Major Technologies/tools | : Basic Java , Linux ,Git, Maven ,Jenkins, Chef ,Docker, Kubernates, GIT , Tomcat , Shell Scripting ,Jira ,Cloud Watch, Amazon Web Services . |

**IT Forte**

|  |  |
| --- | --- |
| **Operating Systems** | Windows , Linux |
| **Version Control** | GIT |
| **Build Tool** | MAVEN |
| **Continuous Integration Tools** | Jenkins |
| **Configuration management Tools** | Chef |
| **Containerization** | Docker |
| **Scripting Languages** | Shell Scripting |
| **Artifact Repository** | Nexus |
| **Web Server** | Apache |
| **Application Server** | Tomcat |
| **Ticketing Tool** | Jira |
| **Monitoring Tools** | Cloud Watch |
| **Programming Languages** | Java |

**Professional Experience**

* Working as **DevOps Engineer** in **LionBridge Technologies Pvt Ltd.** from **June 2015 to till date**.

**Projects Handled**

**Project #2**

**Project Title : Personal Corporate and Banking (PCB)**

**Client : Barclays Inc.**

**Role : DevOps Engineer**

**Duration : Apr 2016- till Date**

**Team Size : 5**

**Environment : Git, Maven, Jenkins, Chef, Nexus, Tomcat, Docker , Amazon Web Services , EC2 ,Auto Scaling,**

**ELB ,Cloud Watch.**

**Description:**

**Barclays** is a multinational banking and financial services company located in UK. It is a universal operations in retail, wholesale and investment banking, as well as wealth management, mortgage lending and credit cards. It has operations in over 50 countries and territories and has around 48 million.

**Roles and Responsibilities:**

* Experience in cloning the repository and creating branches and tags from master to separate build system after a milestone releases.
* Create and establish build process using **Maven** to perform builds efficiently and deployment of the application in Tomcat.
* Monitoring the builds using Continuous Integration tool like Jenkins.
* Installing and configuring **Chef Server** and **Chef Work Station**. Adding **nodes** to chef server with help of work station.
* Hands on working experience on **Cookbooks** and writing **Recipes** with help of **Chef** Resources for configuring packages on the nodes.
* Good exposure over the chef utilities like **Chef DK** and **Knife.**
* Configuring a CRON Jobs for continuous deployments to DEV and QA Environments by picking up builds from Jenkins using **Chef**.
* Resolved the build issues during implementation of Barclay’s applications.
* Handled multiple environment builds to create build setup and perform deployment activities.
* Configuration of Jenkins CI tool for automated build and Integrating Jenkins with **Docker.**
* Working on the **AWS Resources** for the migrating from on premises to Cloud Environment.
* Creating **EC2** instances and configuring packages and configuration using **CHEF**.
* Creating **VPC** and Creating **Public Subnet and Private Subnets** in AWS Cloud.
* Creating **Volumes** and taking **Snapshots** and attaching Volumes to the EC2 instances on demand.
* Created **S3** buckets for high availability of Data.
* Creating Alarms in **Cloud Watch** service for Monitoring the server’s performance, CPU Utilization, disk usage etc.

**Project #1**

**Project Title : Avaya Diagnostic Server (ADS)**

**Client : Avaya Inc.**

**Role : Build & Release Engineer**

**Duration : July 2015 – Mar 2016**

**Team Size : 5**

**Environment : Git, Maven, Jenkins, Linux, Tomcat, Amazon EC2, Auto Scaling, Load Balancer, Cloud Watch.**

**Description:**

Avaya, Business Partner, and customer service personnel can use the customer-controllable troubleshooting and diagnostic tools of Avaya Diagnostic Server to improve problem verification and resolution times. With remote access, alarm transfer, remote phone control, remote phone event monitoring, and network monitoring capabilities, Avaya Diagnostic Server reduces onsite dispatches and customer engagement requirements.

**Roles and Responsibilities:**

* Worked on version control system **Git** tool.
* Experience in Creating **branches** and **tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds.
* Create and configure new jobs for each and every module in **Jenkins**.
* Automated the bundling process and reduced all the manual intervention needed and merged that to the Jenkins job.
* Automated builds using **Jenkins and Maven**.
* Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat.
* Identify, troubleshoot and resolve issues related to build and deploy process.
* Inform through mail the compilation errors to the responsible team with error logs using **JIRA**.

**(BALAJI S)**