**TULASI MAHALAKSHMI ANKAM**

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**OBJECTIVE:**

Seeking a challenging, rewarding career in a diverse environment where my strong work ethic, education and expertise can be used to help promote the mission and exceed team goals and contribute to the organization with strong ideals and a superior product.

**EXPERIENCE SUMMARY:**

* 3 Years of IT experience as a **DevOps Engineer** & 1year of experience as a software development using **.Net Technologies** and with strong background on web applications, middleware, and **databases**.
* Involved in designing and deploying a multitude application utilizing almost all of the **AWS** stack (Including **EC2, S3, RDS, SNS, LOADBALANCERS, IAM**) focusing on high-availability, fault tolerance, and auto-scaling.
* Worked as **GIT** administrator as part of my role and monitored the repository for various issues.
* Hands on experience on **Amazon EC2 cloud** deployments using DevOps tools like **Jenkins and ansible.**
* Build Management – Experience in tools such as **Jenkins, Maven, Nexus** for build management.
* Responsible for creating the new build setup and new projects using **Jenkins.**
* Automated the deployments to **DEV** and **QA** Environments by picking up builds from **Jenkins** using **Ansible.**
* Hand on experience in delivering **container** based **deployments** using **Docker.**
* Having knowledge on setting up and managing **Docker private repository**.
* Successfully integrated **Jenkins** with **Docker** to push the images to the **Docker hub.**
* Having Experience in creating Custom **Dockerimages** using **Dockerfile** and Knowledge over **Docker Networking.**
* Monitoring the infrastructure using **Nagios**.
* Having experience in **Kubernetes** to manages the cluster and mainatian the kubernetes objects such as pod, deployment, services, configmap, secretes, Replica controller, Replica set.
* Followed best practices, optimize processes, adapt new technologies, **quick learner** and hardworking individual.
* Excellent interpersonal communication skills and efficient in working independently and as a team member. Proactive and creative approach towards work.
* Participated in release level discussions and gone through the total **SDLC** and **Agile process.**

**TECHNICAL SKILLS:**

* Operating Systems : Red Hat Enterprise Linux /6/7, Windows
* Web Server : Apache
* Build Tools : Maven, Gradle
* Version Control : Git, GitLab
* Virtualization Tools : Docker,
* Configuration Mgmt Tools : Ansible
* Cloud Technologies : AWS
* Continuous Integration : Jenkins
* Deployment tools : Tomcat
* Monitoring Tools : Nagios
* Ticketing Tool : JIRA
* Scripting Languages : Shell scripting, javascript.

**ACADEMIC PROFILE:**

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| --- | --- | --- |
| Degree | Institute | Percentage |
| **B.Tech** in Production Engineering | **WISE** College ,Tadepelligudem | 72% |

**WORK HISTORY:**

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| --- | --- | --- |
| Duration | Organization | Designation |
| Feb 2019 - Oct 2020 | Techstar | Software engineer |
| March 2017 - Nov2018 | Turpy Mobiles Apps pvt ltd | Software engineer |

**ACHEIVEMENTS:**

* Won best performer awards in the team
* Got appreciations from Business teams for successful and early delivery of products.

**WORK EXPERIENCE:**

**Project:**

Title : Onboarding and Enhancements of API’s

Client : Verizon

Location : TechStar, Hyderabad

Role : Technical Consultant

Team Size : 8

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| --- | --- | --- |
| Project | Duration | Technologies |
| Insight disability and EOS APIs | Oct 2020 | Java/J2ee, Maven, Linux, GIT, Nexus, Shell Scripts,Tomcat, Jenkins, Ansible, AWS EC2,Docker |

**Description:**

Onboarding Insight disability (part of the health care business) products as API’s to support core call center application as well as direct users when they login via web or mobile platforms. This platform provides the required support for user queries by pulling the same from multiple SOR’s Also enriching and processing the same in date lake. All this process is in the form of perfect microservice architecture by leveraging the spring cloud features in well versed Devops culture.

**Responsibilities:**

* After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled accomplishing continuous integration and configured Jenkins with Poll SCM build trigger.
* Ansible is the primary automation tool in configuring and deploying artifacts to several environments.
* As most of the infrastructure is hosted in AWS cloud and responsible for creating and managing EC2 instances.
* Enabling highly available and robust virtual private cloud to ensure the network isolation from public cloud and secure them with security groups.
* Developing the utility scripts to effectively reduce the time and manual effort.
* Focused on automation and integration.
* Involved in Create/Enhance/automate build and deployment processes for each release and backup, restore and upgrade.
* Configured Amazon EC2 servers using AMI's (Linux/Ubuntu), configured the servers with the applications.
* Experience in orchestrating Docker containers.
* Monitoring the infrastructure using Nagios.
* Created dockerfiles for easier replication of DEV, QA Environments in local machines.
* Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins and (ansible)
* Designing and implementing CI (Continuous Integration) system configuring Jenkins servers, Jenkins nodes.
* Integrated GIT into Continuous Integration Environment using Jenkins
* Using Ansible inventories to define groups of hosts Exceptional Customer Service
* Creating Ansible playbooks to configure systems to a specified state .
* Creating and using Ansible templates to create customized configuration files for hosts Technical Support.
* Automated deployment of builds to different environments using Jenkins
* Resolving merging issues during build and release by conducting meetings with developers and managers.
* Setup and maintain cloud based infrastructure (AWS)
* Created Public and private subnets using VPC.
* Gather customer requirements and translate the application requirements to provide AWS solutions
* Strong use of Shell scripting languages including BASH for Linux platforms
* Hands on experience in daily activities like Disk Management and User Management issues.
* User Administration such as adding a new user account/modifying/deleting user account and granting sudo access based on the requirement.
* Hands on experience on remote tools SSH and SCP.
* Experience in DevOps tools: GIT, Ansible, and Docker for the building and deployment of code.
* Have written Ansible Playbooks and performed many tasks.
* Used SonarQube for code analysis and code quality and vulnerabilities
* Have done POC on CI/CD using GIT, Jenkins and Ansible.
* Building the source code using Jenkins.
* Build and deployment scripts according to SCM team standards and processes to QA, Performance and Production Environments.
* After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled `build.
* As DevOps engineer in my team I have a responsibility in configuring Jenkins jobs in such a way that fetches source code from Git repository….
* Configured Jenkins with maven build tool for generating war/ear files and Storing artifacts in Nexus repository and with versioning using stamp.
* Integrated Git and maven with Jenkins accomplishing continuous integration and configured Jenkins with Poll SCM build trigger.
* Ansible is the primary automation tool in configuring and deploying artifacts to several environments.
* As most of the infrastructure is hosted in AWS cloud and responsible for creating and managing EC2 instances.
* Enabling highly available and robust virtual private cloud to ensure the network isolation from public cloud and secure them with security groups.

**Project:**

Title : DNS Healthcare –DNS

Client : HCL Technologies

Location :Turpy Mobile Apps Pvt Ltd, HYDERABAD

Role : .Net Developer

Team Size : 8

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| --- | --- | --- |
| Project | Duration | Technologies |
| DNS Healthcare | March’17 – Nov ‘18 | C#, .Net 2.0, Visual Studio. NET, ADO.NET and SQL Server 2008,ASP.Net |

**Description:**

DNS Healthcare Limited intends to launch a Tele Medicine Solution, a niche Tele-Advice and Tele-Consultation solution with a vision to connect 20+ million lives over the next 5 years. This solution is a platform enabling doctors and patients to connect remotely over the Tele-Consultation mode with a near in-person comparable experience in a coherent integrated ecosystem.

**Responsibilities:**

* Understanding the Business requirement and Functional specification documents.
* Developed web forms in ASP.NET using C# as the code-behind language and LINQ as the SQL data consumer.
* Used ADO.NET objects such as Data Adapter, Data Reader, Dataset and Data List for reading/updating records in the database
* Developed accordion control with Data List controls.
* Developed master pages.
* Developed SQL Queries.