**Deepthi M**

**Devops Engineer with 7+ Years of experience**

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**Career Objective**

To work in an environment that would hone my technical capabilities and interpersonal skills benefiting the organization and myself.

**Professional Experience**

Designation : Devops Engineer

Current company : Mitel

Work Experience :July 2014 - Till Date

**Projects**

**Project:** 5G enables a new kind of network that is designed to connectvirtually everyone and everything together including machines, objects, and devices.5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, ultralow latency, more reliability, massive network capacity, increased availability, and amore uniform user experience to more users. Higher performance and improved efficiency empower new user experiences and connects new industries.

**Technologies:** Linux, bash and shell script, GIT, Maven, Makefile, ANT, Jenkins, Ansible, Terraform, AWS, Docker, Kubernetes, JIRA, Apache Tomcat

**Team Size:** 8

**Roles & Responsibilities**

* Having 7.4 years of IT experience as a DevOps & AWS cloud Engineer.
* Actively participated in troubleshooting, rolling updates and rollbacks of the deployments using **Kubernetes**.
* Extensively worked on AWS Services like**, VPC, Subnets, Route Table, ELB, Auto Scaling, S3, EBS, CloudWatch, SES, SNS, Lambda, Terraform** and CloudFormation.
* Deployed configuration management and provisioning to Terraform, involved of automated deployment of EBS on to the aws EC2 instances and automated the complete environment on aws
* Developing Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins and Ansible on **docker** images.
* Experience working with CI/CD implementation of **Microservice** based Architecture.
* Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Created the multiple Terraform modules to manage configuration, application, services and automated installation process.
* Responsible for automating operational tasks, taking EBS snapshots, removing unused AMI.
* Understanding the client environment, creating solutions using AWS Services, CI/CD, GIT, Dockers.
* Provisioning and managing cloud infrastructure using AWS.
* Expertise in trouble shooting and fixing issues.
* Followed Agile scrum SDLC model
* Managing server uptime, and setting up alerts for changes in the environment using SNS.
* Managed user and service level permissions using IAM,
* Automated nightly build, test, and reporting mechanisms.
* Prepare the code base for the build.
* Experience in Configuration management and release engineering in multiple projects and multiple-branches environment.
* Tuning existing scripts and written scripts to make my life easier in the work
* Giving knowledge to developers about version control and build/release concepts.
* Worked on docker and setup Jenkins on docker.
* Responsible for supporting the full software development lifecycle by designing, implementing and maintaining support tools, namely source control management, continuous integration, continuous delivery, repository systems, etc.
* Involved in improving service reliability using DevOps methodology, by creating, optimizing and automating operation focused processes.
* Proficient in bash shell scripting
* Supervise troubleshooting and resolving issues in production environments
* Acquire proficiency with GIT and GIT workflows
* Procure good knowledge on source control tools like Git and good understanding of branching, merging and resolving merging conflicts.
* Engaged in discovering and addressing operations shortfalls and solutions supporting development, QA and production support teams.
* Give importance in seeking quality and cost savings by automating any process we execute more than once.
* Responsible for managing the Source Code repository for Core Informatics products and customer implementations
* Involved in designing, implementing and managing, branching and merging mechanism
* Responsible for releases, doing builds and managing build system
* Debug build failures and worked with developers and QA personnel to resolve related issues.
* Excellent experience in DevOps stack (CI & CD) and other dependency management and build tools such as GIT, Jenkins, Maven, Ant
* Have attain proficiency in written and verbal communication skills
* Able to work in a fast paced, constantly expanding environment
* Able to troubleshoot and resolve internal and customer problems in a timely manner
* Strong communication, interaction and customer service skills with end customers and staff members
* Work with customers and other teams to troubleshoot customer environments to increase user satisfaction

**Key Skills:**

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| --- | --- |
| **Operating Systems** | UNIX, Linux |
| **Version Control Tools** | GIT, GITHUB |
| **Build Management Tools** | Maven, Makefile |
| **Scripting Languages** | Shell/Bash Scripting, Groovy scripting |
| **Application Servers** | Apache Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Web Server** | Apache HTTP, Tomcat |
| **Bug Tracking Tool** | Jira, Bugzilla |
| **Configuration Management Tools** | Ansible, Terraform |
| **Cloud** | AWS |
| **Containerization** | Docker, Kubernetes |
| **Package Maneger** | Helm |

**Strengths:**

* Deployed and Orchestrated the applications with Kubernetes.
* Working knowledge of Container Management and Orchestration Software like **Dockers, Kubernetes and Terraform**.
* Proactive performance management with High Availability setup of environments to ensure the site is always speedy using containerization and orchestration tools with Docker and Kubernetes.
* Achievement oriented with excellent communication and interpersonal skill.
* Willing to take extra responsibilities to get work done.
* Excellent aptitude in understanding New Technologies and bring them into practice.
* Strong programming skills with Web technologies framework Groovy Scripts, knowledge of XML, HTML.
* Experience with **AWS and Terraform**.
* An analytical thinker with good communication, passionate to learn, reasoning and interpersonal skills.
* Capable of Handling Complex and Time crunching Situations and can create more value for the company.
* Good problem solving capabilities and system debugging skills.
* Possessing excellent creative, analytical, problem solving skills.
* Flexible and always open to acquire new skills at a quicker place.

**Educational information:**

* BE : E & C - Ballari Institute of Technologu and Management, Ballari - Visveswaraiah Technological University
* 12th : Govt Ex Muncipal College , Ballari - Karnataka Board of the Pre-University Education, Bangalore
* 10th St Josephs Girls High School - Karnataka Secondary Education Examination Board

**Personal Details:**

Gender : Female

Nationality : Indian

Pan number : APFPB7161M

DOB : 18-08-1987

**Declaration**

I hereby affirm that the information given above is true and correct to best of my knowledge.

Name : Deepthi

Place : Bangalore

Signature