Mahesh C Kadiwal

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Senior DEVOPS ENGINEER

EDUCATION

Bachelor's in E&C Engineering, VTU|BELAGAVI

Aug 2012|Sambhram Institute of Technology, Bangalore, Belagavi, INDIA

EXPERIENCE–5.1 YEARS

UNITRANS INFOTECH SERVICES PVT LTD| Feb 2020 – PRESENT| Bangalore, INDIA

Role: SENIOR DEVOPS ENGINEER | Feb 2024 – Till Date

Project-4: Shipping and Logistics

Client   : Maersk

Description: Maersk, is a Danish shipping and Logistics Company and Its business activities include Shipping, port operation, supply chain management and warehousing.

Responsibilities:

- Headed **Git/GitHub** configuration, including resolving of source code issues comprising source code management, branching, and merging, code freeze process.
- Integrated with cloud providers such as **AWS** and supervised cloud infrastructure on **AWS**, **EC2**, **EBS**, **SNS**, **ELB, Cloud Watch, S3, IAM** and **auto scaling**.
- Maintained **Jenkins** to implement the **CI/CD** process and integrated the tool with **Maven** to setup the builds.
- Generated the build **CI/CD** pipeline script using **DSLGROOVY** programming languages.
- Deployed, automated and orchestrated using **Ansible.**
- Implemented and managed infrastructure as code through **Terraform** automation tools.
- Constructed and stationed **Docker** containers to organize monolithic application into micro services, developer workflow enhancement and scalability increment and speed optimization.
- Orchestrated containers on cluster using **Docker swarm** and **Kubernetes**.
- Handled infrastructure by installing and configuring **Nagios** monitoring tool.
- Monitored Application performance using **Data Dog** and Logs by **ELK.**
- Automated administrative tasks using **Shell Scripts.**
- Scrutinized and detected all bugs and changes into production environment using the **JIRA** tracking tool.

Role: DevOps ENGINEER | Feb 2022 – Feb 2024

Project-3: Connected Homes

Client   : Rogers Communication INC

Description: Connected Home project deals with the Ignite TV and Maestro applications of Rogers.

Application deals users of Modem, Security devices, Ignite TV etc.

Responsibilities:

- Deploying, automating, maintaining and managing AWS cloud based production system, to ensure the availability, performance, scalability and security of productions systems.
- Utilized Terraform to leverage AWS Services such as VPC, EC2, S3, EBS, SNS, ELB,

and Auto Scaling to build highly-reliable, highly scalable, cost-effective applications without creating or configuring the underlying AWS infrastructure.

- Design, architect, and implement next generation DevOps architecture and automation solutions.
- Own and lead initiatives to define, design, and implement DevOps solutions, which include reference architectures, estimates, and costing.
- Implementing the Jenkins setup for creating an automated build and deployment pipelines on multiple servers.
- Performed all necessary day-to- day GIT support for different projects, Responsible for design and maintenance of the GIT Repositories, and the access control strategies.
- Automated Java builds using Maven, SonarQube, Jfrog and Jenkins Pipelines with Groovy script
- Created Ansible Playbooks for implementing continuous delivery into production environment
- Worked on deployment automation of all the Micro Services to pull image from the private Docker registry and deploy to Kubernetes cluster using Ansible.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch containers using Prometheus and Grafana.

Role: DEVOPS ENGINEER | Feb 2021 – Feb 2022

Project-2: American International Group (AIG)
Client   : AIG

 Description: The AIG Project deals with various operations related to property casualty insurance, life insurance, retirement solutions, and other financial services. The project is divided into different modules such as Policy Generation, Policy Surrender, Policy Reversals, etc., wherein it is required to develop custom systems integration solution Components as dictated by business requirements and manages systems Validation and defect resolution efforts.

Responsibilities:

- Projected and resolved conflicts in merging of source code for **Git/GitHub**.
- Positioned application packages on to the **ApacheTomcat** server.
- Undertook build and deployment scripts using **Maven** as build tools in **JENKINS** to migrate from one environment to the other.
- Administered build automation by writing multiple **Maven and Shell Scripts**.
- Executed leveraging of **AWS** products such as **EC2, EBS , SNS, ELB, CloudWatch, S3, IAM, and autoscaling,** using **Terraform** to build reliable, scalable, and cost-efficient application.
- Provisioned Infrastructure and deployed features Using **Terraform** and **Ansible**.
- Piloted identification process, trouble shooting , and resolving problems arising in the build process using **Jenkins**.
- Discharged uploading of images to cloud using file manager and bulk data to and from cloud.
- Succeeded in initiating and fulfilling the installation and configuration of **RedHat**, **Centos**, **Ubuntu**, and **Windows7**.

Role: SUPPORT ENGINEER | Feb 2020 – Feb 2021

Project-1: Hubzu
Client   : Altisource
Responsibilities:

- Administrations of Users and Groups.
- Monitoring Linux servers such as Disk space utilization, CPU utilization , Memory utilization.
- Linux Package management tools (rpm,yumetc.)

- Scheduling jobs using Crontab.
- Maintaining Virus free Network using Symantec
- Troubleshooting and Configuration of SSH, FTP, NFS and APACHE Server.
- Taking back upon Linux server using Shell Script.
- Regulated **SVN** Repository and migrated the code from other Version Control to Subversion.
- Guided interlinking of continuous integration system with SVN version control repository and build as per developer's check-in requests.
- Initiated the **Jenkins** continuous integration server installation and configuration for all SVN Repositories.
- Systematized problem-solving version control system and integration with **ANT** build issues by communicating with relevant teams.
- Instituted and implemented fully automated server deployment by using **CHEF**.
- Examined **CHEF** code books using **Ruby** for configuration and automated deployment tasks in remote nodes.

Skills:

- **Operating System:** Unix/Linux and Windows
- **Cloud Enterprise:** AWS
- **Versioning Tools**: SVN , Git / Git Hub
- **Build tools**: ANT , Maven
- **Web Server**: Apache, Tomcat
- **Containerization tool**: Docker / Docker Swarm, Kubernetes
- **Configuration tools**: Chef, Ansible and Terraform
- **Scripting languages**: Yaml, Shell, Ruby and Groovy
- **Monitoring tools:** Nagios, DataDog and ELK
- **Bug Tracking** : Jira

Languages: English, Hindi and Kannada