Mayut Kumar
Cloud DevOpsSRE Engineer
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Career Objective:

Seeking a challenging   career in the area of a dynamic Cloud AWS DevOpsSRE with Linux Engineer   having 5+ year of experience, looking for a platform where i can implement my skills , which i have learned with my past experience and can get a chance to gain new skill which will help me to grow in future professionally and personally.

Professional Summary:

- Having **5.9** years of professional experience in IT   Industry and **4+** years of professional experience in the areas of **AWS Cloud** , **Linux admin devops SRE and** Build and Release Engineer in automating, building deploying, and releasing of code from one environment to another environment.,
- Hands on experience in **Application server , Server   Admin, Apache Tomcat, Production database , WebLogic** ,**SRE** and **Linux** includes build and   deployment client specific Applications
- Knowledge of job **scheduling tool crontab , log analysis and troubleshooting,**
- Define and maintain infrastructure using **Terraform.**
- Hands on Experience in DevOps tools like **Git**, GitHub, Maven, **Nexus**,**jenkins,,Ansible**,**Docker Kubernete**,**Grafana, Splunk,**
- Experience in **linux Administration**   Such as a **User, package** , process, Service **, Disk** management, troubleshooting logs file,
- Hands on experience of continuous integration, continuous delivery , CI/CD and all phases of the **software Development life cycle, SDLC,**
- Hands on experience in Amazon AWS Cloud which includes services like: **EC2, S3, IAM, VPC, Auto scaling and Security Groups, EBS, Cloud Watch, SNS, RDS,**
- Ability to learn **new technologies** So quickly,

Professional Experience:

- Worked as a Cloud SRE Engineer in **McAfee Software in Bangalore**   from march-2021 to November 2023,
- Worked as a CloudOps SRE   Engineer in **HPInc   service Pvt Ltd**   from march-2019 to December 2019,
- Worked as Associate Engineer in **Sonata Software   Pvt Ltd** in Bangalore from Jan 2017 to march-2019

Technical Skills:

- **Programing and Scripting** : Shell Scripts,Python,
- **DevOps and build Tools**   : Docker, Kubernetes,Terraform, Ansible,SonarQube,Maven
- **Operating Systems**   : Windows, Linux (RHEL, Ubuntu)   :
- **Cloud Technologies**   : AWS ,Vmware,Openstack Basic,
- **Application Server**   : Apache-Tomcat 9.0,Weblogic,
- **CI/CD Tools**   : **J**enkins, CI/CD SAST,DAST
- **Versioning Tools**   : GIT,GITHUB,
- **Database**   : MySQl,MangoDB
- **Ticketing and Other Tools** : Putty,postman,Winscp, Servicenow,Filezilla,Jira,ELK
- **Monitoring Tools**   : AppDynamic,Moogsoft,Prometheus,Grafana,PagerDuty,

Educational Qualification:

- **B-Tech** Bachelor of Technology from BPUT 2014, Bhubaneswar,

Work Experience

Project 1 : **CCS EDR Lab(McAfee)**   **March 2021– Nov 2023**

Role   : **AWSDevOps SRE Engineer**

Roles and Responsibility:

- Design,deploy and manage highly available and scalable cloud infrastructure on **Aws Using** Various service Such as **EC2,S3,RDS,VPC,IAM** and **Cloud watch,Docker,kubernetes, Terraform,**
- Implement and maintain **CI/CD** pipeline using jenkins and Git to automate the Software delivery process,
- Implemented and managed AWS security best practices, including **IAM policies**, **security groups**, and encryption,
- Worked closely with **development team**s to ensure applications met **reliability** and performance standards,
- Designed, implemented, and optimized scalable and highly available **AWS solutions** to meet business requirements
- Setup/Managing Databases on Amazon **RDS**. Monitoring servers thorough Amazon Cloud Watch
- Monitoring Microservices application with **Prometheus** and **Grafan**
- Monitored **SRE On-Call** worked on Alerts send by **grafana** and **prometheus** on various issues related to server availability, disk issues, CPU, memory and process
- Write **SQL queries, stored procedures, and triggers to support** application development and data analysis.
- Managed **Kubernetes** clusters and **orchestrated deployments using Helm charts for microservices applications**
- Maintaining **EC2** services like launching instances, attaching volumes, configuring security groups, monitoring EC2 instances metrics like **CPU** **utilization, disk read/write operation** performance of the EC2 servers.
- Write,and maintain **Terraform code to provision and manage infrastructure resources**.
- Change Automation and extensively used **Auto scaling l**aunch configuration templates for launching amazon **EC2 instances** while deploying Microservices..
- Hands on experience in packaging different applications like **WAR, EAR, JAR** , deploy the same to the various environments,

Project 2 : **ISAC (Hpi)**   **March-2019 - Dec-2019**

Role   : **CloudOps SRE Engineer**

Roles and Responsibility

- Performed Continuous Integration for **Linux EC2 instance platform using Jenkins pipeline GIT** repository and Maven build tool,
- Managed and maintained **AWS cloud infrastructure**, including **EC2** , **S3 buckets**, **VPCs**, **Route 53**, **IAM**,Elastic IP and **other AWS services**
- Worked on **Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using GIT**
- Creating and maintaining the ansible plays & tasks for deployments & SCM activities
- Used shell script to day today activities and task for automating
- Manage on **Weblogic** migration and setup of multisite directory and creating a cluster of **Weblogic** and managing admin server
- Good knowledge in **Deploying EAR, WAR on non- clustered environment and clustered environment in Weblogic server.**
- Setup Elastic Load Balancer for distributing traffic among multiple servers
- Operation processes like incident management, **24\7 duty clients on-call support** configuration and automation of **servers** and services,
- Using Kubernetes, I have controlled and automated application deployments and updates .

Project 3 : Ecommerce Application(RedMart)   January-2018 - feb-2019

Role   : **Cloud admin Linux Engineer**

Roles and Responsibility

- Supporting **Builds for Multiple environments like Dev, QA, Staging, and Production**
- Responsible for writing Ansible playbooks for installing the packages and configuring, updating the remote servers,
- Provided 24/7 **application support** for a suite of enterprise-level software products, ensuring system availability and performance
- Monitored **system** performance, diagnosed issues, and optimized system resources for maximum efficiency.
- Implemented and maintained backup and disaster recovery solutions to minimize downtime and data loss.
- Setting up **IAM** for user, group, policies.
- **Creating and maintaining AWS EC2, S3 & VPC services**
- Performance monitoring for Application Servers, applications & Web Servers using nagios
- Troubleshooting application related issues by **log** verification

Project 4: E-Commerce(Asos)   January -2017 - Dec -2017

Role   : **System admin Engineer**

Roles and Responsibility:

- Installing all **Linux flavors OS, Configuring and binding system** with domain.
- **Design installation,** management **and routine upgrades of VMWARE infrastructure**
- Manage server consolidation program through use of **VMware ESX server and VMware** Virtual Center
- **User** administration, creating, modifying and deletion. Resetting UNIX account password.
- Attending call's as per the priority like **P1 and P2 tickets and troubleshooting** the issues.
- Perform **day-to-day operations including health checks** and maintenance activities in support of the application
- Maintaining highly reliable 24x7x365 Linux production servers for internal, **global and AWS EC2** instances
- Used Postman to test the **RESTful API for HTTP requests such as GET, POST, and PUT**

Strengths :

- Good interpersonal and communication skills
- Team player and good learner for new technology
- Understanding current infrastructure tool quickly

Declaration :

I hereby declare that all the above information is true to best of my knowledge and i believe my potency and confidence to take any sort of responsibility under any circumstances

Date

Place   : Bangalore   Mayut Kumar