Vivek S. Mate
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Objective:

Contribute the organization with the best individual efforts in achieving the organizational goals and to have continuous self-development by way of learning and exposure through new assignments.

Technical Summary:

- Overall Experience around **5.10 yrs.** in the Information Technology Industry.

- Having experience in software Configuration and Management of Payment domain projects and extensive experience of being part of different setups and environments.

- Work with Development Teams and Testing team to establish a build schedule, execute the builds and troubleshoot build failures.

- Having Sound knowledge and hands on experience in drive and implementation of Devops process strategy also develop Devops methodology and culture by setting up an environment with CICD by using AWS cloud services.

- Good experience in version control tools like Git & github & building tools like Maven.

- Good Experience on AWS services like IAM, cloudwatch, Event Bridge Rule creation, Ec2, AMI, ELB, EBS, RDS, VPC, S3, ELB, SNS, LAMBDA, Autoscaling, Route53, IIS, ECS.

- Very good experience in Jenkins for continuous integration for configuration management.

- Having basic knowledge on terraform.

- Good Experience in Containerization tool like Docker and its companion technologies including image file creation depending upon the client's requirement.

- Monitoring production servers, troubleshooting, and fixing bugs.

- Proactive team player with the capability of handling responsibilities independently as well.

Technical skills:

- **OS** : Windows, Linux
- **Database** : MySQL
- **Integration Tool** : Jenkins,
- **Containerization Tool** : Docker
- **Container orchestration tool** : K8s & Helm chart
- **Configuration Mng. Tools** : Chef, Ansible
- **Build Tools** : Maven
- **Version Control Tools** : Git
- **Ticketing Tool** : Jira
- **Application Servers** : Apache Tomcat, Nginx.
- **Cloud Environment** : Amazon-AWS
  - **AWS** : Ec2, VPC, IAM, S3, EBS, ECS, AWS-CLI, SNS, SQS, Cloud watch.
  - **Connecting tool** : IAP desktop, Mobaxterm, Putty, Docker desktop.
  - **Infrastructure as a code tool** : Terraform.
  - **Certificates and Training**
    - ➢ **AWS Solution Architect Associate.** Certification ID: 2E3S38TLDJR41N3Q
    - ➢ **RedHat Certified System Administrator** (RHCSA)RedHat® Certification ID:190-270-892

WORK EXPERIENCE:

Currently working as Senior Tech engineer (AWS cloud and DevOps engineer) at Opus consulting solution

COMPANY NAME: OPUS consulting solution (Pune). **[Sept. 21 - Present]**

Client: BitCoin (Bitcoin Depot)　　　**Role:** AWS Cloud Engineer

Running project: Bitcoin Depot　　　**Duration:** Jan 23 to till date.

Description:

Bitcoin Depot is one of the largest multi-cryptocurrency ATM Networks in the world offering users the ability to buy and sell Bitcoin.

Roles and Responsibilities:

- Creating and Managing IAM service to create users, group, roles & policies.
- RDS backup/restore using AWS backup service. Creating RDS instances as per requirement.
- Creating ECS Task state change and container state change alerting rule for ECS service.
- Configure ELB for distribution incoming application traffic across multiple EC2-instance.
- Configured VPC, subnet public/private, routing table, NAT gateway and knowledge of VPC peering.
- Launching Amazon EC2 & GCP cloud instances and configuring launched instances with respect to specific applications.
- Building customized Amazon Machine Images (AMI), Build instance and configures as per requirements. Increase volume size for existing instance volume size.
- Creating and managing S3 service to store the data, versioning, replication.
- Create a Terraform module for various AWS services.

Opus Others Project: (client: -NCR) ATM_Auth, Cardless & SEP (Devops and Cloud Engineer)

- ➤ **NCR_ATM_OAuth** provide a service which is responsible for authentication and authorization features using OAuth protocol.
- ➤ **Cardless** provides an easy way for bank customers to interact with ATMs also they can use a mobile banking app on their device to receive a one-time passcode (OTP).
- ➤ **SEP** allows the administrator to effectively perform BIOS password management.

Roles and Responsibilities:

- Major responsibility includes drive the Devops Process strategy and implementation and setting up an environment with CI/CD pipeline. Integrates GIT with Jenkins and automate the build using githooks. Jenkins job migration and configuration of Jenkins job.
- For cardless project installed on-prem environment setup using required software. Also setting up Jenkins pipeline from scratch. Write Jenkins file and create Jenkins pipeline as per requirements. Implementation of 3rd party integrations and plugins to automate Jenkins.
- Creating Docker images and writing Dockerfile to create and manage containerized application using kubernates for authN and cardless services.
- Configuring and deployment of Helm chart using kuberneties.
- Maintaining Artifacts on Nexus and Jfrog repository.
- Building customized Amazon Machine Images (AMI), Build instance and configures as per requirements. RDS backup/restore using AWS backup service.
- Creating Users Groups Managing IAM service for roles & policies as per ticket.
- Configured VPC, subnet public/private, routing table, NAT gateway and also good knowledge of VPC peering.
- Webhosting through IIS / Apache. Creating and managing S3 service to store the data, versioning, replication.
- Administration of VCS tool like git includes creating branches, tagging, and access permissions.
- Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat Application Servers.
- Automation of build and deployment process by configuring jobs in Jenkins for each application.
- Enhanced build infrastrsucture by adding more automation to build scripts.
- Automated the bundling process and reduced all the manual intervention needed and merged that to the Jenkins job.
- Responsible for releases, doing builds and managing build systems.

- Responsible for creating branches, merging and resolving merging conflicts.
- Identify, troubleshoot and resolve issues related to the build and deploy process.
- Inform through mail the compilation errors to the responsible team with error logs using JIRA.
- With the help of terraforming infrastructure as code for reuse infrastructure.

2. Prolinks Computers Pvt. Ltd. (Mumbai) [Feb 21-sept 21]

Client: Konkan Railway project
Role: Linux System Administrator**.**
Technologies Used: Linux RHEL-7,8 RHEV, comvoult, SAN storage, Nagios, Git, Docker
Operating System: Linux. Window-10

Roles and Responsibilities:

- Worked on Konkan Railway project as Linux system Administrator.
- Installing, Setup and Migration of data also Clone the required VM on RHEV Manager and create new VM with same configuration.
- Maintaining backup through Commvault tool.
- Maintain Data Center, SAN storage, Blade Server(synergy) & Rack Server.
- Responsible for solving client's application issue, Proxy, and DNS issue.

3. Inlore Technology Pvt. Ltd. (Banglore) [Oct 17 - Jan 21]

COMPANY NAME: Inlore Technologies.

Project: Ebates online shopping portal.

Ebates.com is an online shopping portal which gives cash back for the purchases of customers.
Technologies Used: Git, Maven, Jenkins, Docker, SonarQube, Apache tomcat, Nexus, AWS.

Roles and Responsibilities:

- Application installation and monitoring Server.
- Identify application error and its root cause and solve it according to it.
- Installing and configuring SQL server and DB Restoration, replication & Backup. Application installation and monitoring Server.
- Identify application error and its root cause and solve it according to it.
- Integrated Git, Maven, Docker with Jenkins and automate the builds.
- Resolving Jenkins Build related issue. Creating Docker images and writing Dockerfile.
- Writing shell script to automate the task. Also Creating backups of instances (AMI).
- Performing the git related tasks of Branching, Tagging & Merging the code.
- Assisted in building scripts in Jenkins tool using Maven Build tools and deployed into Docker containers. Creating Documentation and stored it on Shared Drive.
- Analysis and Resolving JIRA task related with Dev team and their installation and configuration issue. Setting up Jenkins master, adding the necessary plugins and adding more slaves.

Educational Qualification:

BE. (ENTC) Amravati University, **2014**. [CGPA **7.77** (**65.92 %**)]

Personal Details:

Date of Birth	:	22nd June 1992
Marital Status:	:	Married
Language	:	English, Hindi, Marathi
Nationality	:	Indian
Permanent Address	:	Ravet, Pune.

Declaration:

I hereby confirm that the above information is authentic and assure you of my dedication, sincerity, and hard work.

Date:

Place: Pune   Vivek Mate