**Name:** Siva Reddy Nandimandalam

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**Mobile:** 8951573952

**Professional Summary:**

* Having **4+** Years of Experience as a “**DevOps/Build & Release Engineer**” for Java Based Web Applications**.**
* Working Experience in writing **Azure pipeline** scripts.
* Written **ARM templates** for azure services **Storage accounts, Azure Databricks, Keyvault, Application gateway**.
* Worked in Azure **databricks** for creating **databricks** workspace.
* Good knowledge in **Azure databricks Cluster** creation and maintaining the **user roles** in databricks.
* Experience in Azure **Databricks** cluster creation and Notebooks creation.
* Working experience in **KeyVault**.
* Good knowledge encrypting data using azure **Keyvault** and decrypting data in azure databricks using Scala and Python notebooks.
* Good experience in Setting up environment in **Azure** from scratch.
* Worked in **Application Gate way Setup**.
* Good knowledge Azure **Virtual Machines creation.**
* Worked in setting up Azure Production environment with **Production subscriptions**.
* Working knowledge in mounting data from **storage account to data bricks workspace**
* Good knowledge in writing terraforms for **AWS Environment Provisioning.**
* Created terraform for AWS Services **EC2, S3, VPC,ECS, ECR, EKS, RDS**, **Cloud Watch**.
* Worked terraform in **Azure cloud** for **Environment Provisioning.**
* Written Azure terraform for services **virtual machine creation, Storage account creation, Keyvault encryption.**
* Created terraform for **storage account creation with Private endpoint.**
* Written terraform for **Azure Data bricks** **cluster creation, notebook creation, User creation, Group creation**.
* Good knowledge in **Terraform modules.**
* Having good knowledge in implementation of **CI/CD.**
* Experience in developing and maintaining **CI/CD** process for SaaS applications by accessing tools like Maven, Jenkins, etc.
* Hands on experience in using configuration management tools like **Chef, Ansible** etc.
* Good Experience in writing the **Playbooks**.
* Working experience in writing the **Ansible Playbooks** for creating AWS services like **VPC, EC2**.
* Worked in creating **Kubernetes** **cluster** for staging, QA, UAT environments.
* Deployed images in pods using **ansible playbooks**.
* Written **ansible** playbooks for **creating Kubernetes cluster** for all environments.
* Automated deployment process from **Jenkins** to **Kubernetes** **Cluster**.
* Develop and maintain an advanced platform to manage **Kubernetes clusters lifecycle.**
* Maintain documentation regarding configurations, operations and **troubleshooting** procedures
* Configuring the **Docker** containers and creating **Docker files** for different **environments**.
* Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins.**
* Good experience in automating **Jenkins** with **AWS Elastic Container service** (**ECS**).
* Good experience on Amazon Web Services **(AWS**), Creating **EC2** Instances and configuring all necessary services.
* Good understanding **AWS Architecture**.
* Creating load balancer (**ELB,ALB,NLB**)
* Create and managing **VPC**, Subnet and Security groups.
* Create and managing files and policies in **S3 bucket** (Simple Storage Service)
* Create and providing **IAM** access to the users.
* Up scaling and attaching new **EBS volumes**
* Implementing **Auto Scaling.**
* Written terraforms for infra structure creation in AWS cloud.
* Good knowledge in AWS services **EC2, VPC, Cloud watch, ELB, ECS**

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| Education Details: |

* **Engineering** from **Merits College of Engineering, Nellore in March 2013**

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| Technical Skills |

* Operating Systems : Centos, Ubuntu, Windows
* Version Control Tools : Git, SVN
* Build Management Tools : Maven, ANT
* Configuration Management Tools : Ansible, puppet, chef
* Containerization : Docker
* Application Servers : Apache Tomcat, Web logic, Web Sphere.
* CI Tools : Jenkins
* Cloud platform : AWS
* Data base : MySQL, Oracle12c.
* Scripting Languages : Shell
* Monitoring Tools : Nagios.

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| Professional Work Experience |

Experience as Process Associate as Process Associate in **Flatworld Mortgage Processing Private Limited from** Feb 2016 to Nov 2019.

Experience as Senior Analyst with **Altisource Business Solutions Pvt Ltd** from  **Dec 2019 to Till date**.

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| Project |

**Client**      : **Altisource Business Solutions Pvt Ltd.**

**Role**        : **Senior Analyst**

**Description:**

**Citibank India** is a foreign bank in India with a full service onshore platform. Its Indian headquarters is at [Bandra Kurla Complex](https://en.wikipedia.org/wiki/Bandra_Kurla_Complex), [Mumbai](https://en.wikipedia.org/wiki/Mumbai), [Maharashtra](https://en.wikipedia.org/wiki/Maharashtra). It is a subsidiary of [Citigroup](https://en.wikipedia.org/wiki/Citigroup),[[3]](https://en.wikipedia.org/wiki/Citibank_India#cite_note-3) a [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [financial services](https://en.wikipedia.org/wiki/Financial_services) corporation headquartered in [New York City](https://en.wikipedia.org/wiki/New_York_City), United States. Citibank India's services are investment banking, advisory and transaction services, capital markets, risk management, retail banking, and Cards.

**Roles and Responsibilities:**

* Designed and configured Azure **Virtual Networks (VNets)**, subnets, Azure network settings,security policies and routing.
* Deployed Azure IaaS virtual machines **(VMs)** and Cloud services **(PaaS role instances**) into secure **VNets** and subnets.
* Designed **VNets** and subscriptions to confirm to Azure Network Limits.
* Define cloud network architecture using **SS**, **VPN** and express route to establish connectivity between on premise and cloud.
* Develop powershell scripts and ARM templates to automate the provisioning and deployment process
* Troubleshoot and identify performance, connectivity and other issues for the applications hosted in Azure platform.
* Written **ARM templates** for azure services Storage accounts, **Azure Databricks,Keyvault,Application gateway**.
* Worked in **Azure databricks** for creating databricks workspace.
* Experience in Azure Databricks cluster creation and **Notebooks** creation.
* Written the Azure pipeline scripts for deploying the **Kubernetes** services.
* Deployed Jupyterhub application using Azure VMs and installed **Jupyterhub in Kubernetes** service.
* Implemented **Azure diagnostic** **settings** for the Azure storage account and azure databricks
* Written **ARM templates for Log analytics Workspace** creation.
* Enabled diagnostic settings using ARM templates for the Azure services Azure storage account and Azure Databricks.
* Good knowledge in **mounting** **storage accounts** to azure **databricks** **cluster**.
* Good knowledge in **PV and PVC** in **Kubernetes**.
* Worked in **Secrets** and **namespaces** and **configmaps** in **Kubernetes**.

Project

# Project Title : Ditech Bank

Role : Senior Analyst

**Description:**

**Ditech Financial LLC** (rebranded from “ditech Mortgage” and "Green Tree Servicing" in 2015) was a provider of [home loan](https://en.wikipedia.org/wiki/Mortgage_loan), [loan servicing](https://en.wikipedia.org/wiki/Loan_servicing) and [refinance](https://en.wikipedia.org/wiki/Refinancing) products to consumers and institutional partners in the U.S.In May 2014, Ditech announced its re-entry to the national housing market after it “disappeared” from the marketplace for five years during the [subprime mortgage crisis](https://en.wikipedia.org/wiki/Subprime_mortgage_crisis) in the late 2000s. It also announced a corporate re-branding with its servicing affiliate, Green Tree Servicing, which took place in 2015

**Roles / Responsibilities**:

* Hands on experience in writing the play for **AWS** requirements like **EC2** instance and **VPC** creation.
* Experience in Azure **Databricks** cluster creation and Notebooks creation.
* Working experience in **KeyVault**.
* Good knowledge encrypting data using azure **Keyvault** and decrypting data in azure databricks using Scala and Python notebooks.
* Good experience in Setting up environment in **Azure** from scratch.
* Created terraform for AWS Services **EC2, S3, VPC, ECS, ECR, EKS, RDS**,CloudWatch.
* Worked terraform in **Azure cloud** for **Environment Provisioning.**
* Written Azure terraform for services **virtual machine creation, Storage account creation, Keyvault encryption.**
* Created terraform for **storage account creation with Private endpoint.**
* Worked in **Application Gate way Setup**.
* Good knowledge Azure **Virtual Machines creation.**
* Hands-on experience to build and handle VM’s, Containers utilizing tools like **Docker**.
* Build and publish your own custom images in **Docker**.
* Experience in automation tools like **chef, jenkins, Git**.
* Configured and managing security groups and **VPC**.
* Good knowledge in writing terraforms for **AWS Environment Provisioning.**
* Good experience in automating the process of uploading the packages from **Jenkins** using backup repository **Nexus**.
* Responsible for administering and supporting version control systems (**SVN** and **GIT**) on **Linux**.

**(Siva Reddy.N)**