SRE Resume 4

- An accomplished Software Professional with 8.6 years of experience in the IT industry in areas of RHEL Linux, CloudOps, DevOps and migration technologies.
- Currently working with **Cigniti Technologies.**
- In DevOps, expertise on tools like GitHub, Jenkins, Terraform, Docker and Ansible.
- Hands-on experience on Cloud technologies like AWS, Azure and GCP.
- Good exposure to linux CLI and PowerShell scripting.
- Designed and built automated infrastructure using open source tools.
- Strong communication, analytical skills and demonstrated ability to handle multiple tasks as well as work independently or in a team.

EXPERIENCE DETAILS

Work Summary	Duration
Cigniti Technologies **Role: Technical Lead**	September 2021-till date
Sonata Software Ltd, Bangalore **Role: Consultant**	September 2018 – August 2021
Mindtree Ltd, Bangalore **Role: Senior Cloud Engineer**	November 2013 – July 2018

TECHNICAL DETAILS

Scripting Language	Linux, PowerShell scripting, Bash
Cloud Technologies	AWS, Azure, GCP
DevOps Tools	Git, Jenkins, Docker, Ansible, Kubernetes, Puppet, Terraform
Operating System	Windows, Linux (CentOS, RHEL)
RPA Tools	Blueprism
Project Management Tools	Jira, Azure Boards

PROJECT DETAILS

Cigniti Technologies

Project #01:

Project Name	:	**Atom Bank**
Technologies	:	**GCP, Datadog**
DevOps Tools	:	**Git, Jenkins, Ansible, Terraform**
Role	:	**Site Reliability Engineer**

Description:

Atom Bank is running through app using the ios and android builds to check the health-check of IAS and FRS account. We were into code change process and deployment of promote and build jobs as instructed by the on-shore team.

Responsibilities:

- Worked as SRE and managed the environment i.e. non-prod, testing and REGR environments.
- Worked on internal certificates renewal in all environments.
- Deletion activity of K8 pods and destroyed the servers.
- Worked on security patching in various environment through linux box.
- Worked on running the build and promote jobs for deployment.
- Worked on code change, git repository and gcp dashboard.
- Maintained and managed the upgrading process for the versions of Datadog.
- Troubleshooted the failed scenario of health check in mobile app in dev and test environment through ios and android builds.

Sonata Software

Project #02:

Project Name	**:**	**Banking Domain**
Technologies	**:**	**AWS, Jira**
DevOps Tools	**:**	**Git, Jenkins, Ansible, Docker, Nexus**
Role	**:**	**DevOps Engineer**

Description:

Worked in a banking domain project as a DevOps engineer, had hands-on experience on tools like: Jenkins, Docker, Ansible, JIRA, Nexus, SonarQube, Confluence. Designed a CI/CD workflow using Atlassian Bamboo for automated building and deployment of various teams' applications, including automated scheduled deploys to dev and QA environments. Worked closely with multiple development and test teams to provide process design, management and support for source code control, code compilation, change management and production release management.

Involved in the continuous improvement by focusing on increased automation, continuous integration, and continuous test principles.

Responsibilities:

- Worked with Maven as a build tool for Java Application.

- Successfully analysed and resolved Maven errors with Bamboo projects.
- Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GIT.
- Created and maintained GIT Repositories for DevOps environment, automation of code and configuration.
- Experienced with managing containers with Docker.
- Worked on pipeline onboarding and existing pipeline migration to new Vulcan Tool (Vulcan is a devOps automation tool). Also provided the full stack support to Vulcan application which is written in Java script, Angular language and uses PostgressDB in backend to store data.
- Implemented CI/CD pipeline, release-cut, production-deployment job through Jenkins.
- Managed user access permissions on tools like GIT/Jenkins.
- Worked on Nexus Artifact repository tool.
- Worked with core delivery team to deliver/set-up/Migrate IT projects or site as per application requirement. While building/Migrating new infrastructure for application I was involved with multiple support teams at all levels of project to deliver best to client.
- Experienced on Server Build, decommission and patching management process.
- Worked on VM Migration, Clone, snapshot requests.
- Full involvement in various activities as Change representations, Space meetings, Outage meetings.

Project #03:

Project Name   :   **Uniper**
Technologies   :   **Azure, Blueprism**
Role   :   **Consultant**

Description:

Uniper is basically providing services to the Front Office like procurements, Commercial Blueprism Automation tool, we were running the robots/VMs in RaaS (Robotic as a service) console which is integrated with Azure Cloud. We were also maintaining and monitoring the VMs/Bots in BP control room.

Responsibilities:

- Monitored the VMs/Bots in BP control room.
- Worked on PRT testing and debug session with checking the queue logs and session logs.

- Studied the PDD and SDD for the Go-Live process on production environment.
- Deployment request (moved the package/release)
- User Access Management (Provided the access for new user and maintained the access rights)

- Checked the logs and basic troubleshooting of bots when it was in pending, missing lost state, SAP issues, Network drive issue.
- Installed the DLL, libraries, and basic configuration of VDIs.
- Updated the planned activity in Azure Dashboard and maintained ServiceNow Incidents for Ad-hoc requests.
- Scheduled the bots and credential management.

Project #04:

Project Name	:	**CloudOps (APA Platform)**
Technologies	:	**AWS, APA RAAS**
Role	:	**Consultant**

Description:

Using Agile Process Automation, we were running the robots/VMs in RaaS (Robotic as a service) console which was integrated with AWS. We have maintained the IaaS with Patching, hotfix, release notes. We scheduled the bots and launched the jobs in APA RaaS Console.

Responsibilities:

- Performed APA UAM activities giving access to the S3 bucket with the help of public key.
- Studied the PDD and SDD for the Go-Live process on production environment.
- Checked the logs and troubleshooted the execution and development bots.
- Performed the testcases using JIRA tool as sprint upgradation of APA RaaS console.
- Worked on bastion servers and ticketing tool like HPSM9.
- User Access Management (Providing the access for new user, resetting the password for existing user, maintain the access rights)
- Worked on UAT test-cases for sprints related to version upgradation of APA console.

Mindtree Ltd

Project #05:

Project Name	:	**Taylor & Francis Publisher**
Technologies	:	**RHEL Linux, AWS, Vcenter, AWS CloudWatch**
Role	:	**Cloud Engineer**

Description:

Taylor & Francis Group is an international company originating in the United Kingdom that

publishes books and academic journals. It is a division of Informa plc, a United Kingdom based publisher and conference company.

Responsibilities:

- Migrated LTC and TC2 Datacenter to AWS Cloud.
- Maintained Application Architecture and Network Architecture with Linux system administration.
- Worked on Rsync, Data backup and Recovery.
- Managed application Lift & Shift using vCenter Plugin/AWS Import Service and Racemi Dynacenter.
- Created EC2, VPC, ELB, EBS, AMIs, Security Groups, Routing Tables, Subnets, Auto Scaling.

Project #06:

Project Name	:	**Mindtree Kalinga (Internal Project)**
Technologies	:	**RHEL Linux**
DevOps Tools	:	**Puppet**
Role	:	**Cloud Engineer**

Description:

Mindtree Kalinga is the internal project of Mindtree. This is basically for providing VM's for training purpose for the new joinees. For deployment of VM's, we used Azure Dashboard and PowerShell scripting.

Responsibilities:

- Configured the client-server architecture with Puppet tool.
- Investigated the new tools and automated the process.
- Provided the enablers (tooling, framework, procedures) for Continuous Delivery.
- Created Resource Group, Storage, ELB, Subnets.

Project #07:

Project Name	:	**Loreal CRM**
Technologies	:	**Splunk, AWS CloudWatch, Jira**
Role	:	**Cloud Engineer**

Description:

This project includes identifying different type of sources integrated into CRM 3.0 hub, different sub-components of the systems and consumers of the CRM 3.0 hub. Monitored the stream and batch jobs in Splunk dashboard which was integrated with AWS CloudWatch.

Responsibilities:

- Monitored the stream processing jobs, batch processing jobs and informatica workflows in Splunk dashboard.
- Generated the counts by running select queries in PostgreSQL.
- Raised the bugs in the Jira ticketing tool and dispatched to the development team.
- Monitored the CPU and memory utilization in the Splunk monitoring tool and AWS CloudWatch.
- Upgraded the Release Notes and version in Jenkins CI tool.

CERTIFICATION

- Certified AWS Solution Architect Associate Level.

- From Mindtree Finishing School, Under "MULTI SKILLED PROGRAM" Certified for,

  -Linux Operating System.

  -Microsoft Windows Server2008R2

PERSONAL SKILLS

- Diligent, accurate worker and self-motivated.

- Ability to work on all types of complex applications independently.

- A key member in the team who can ensure a high-quality profiling.

- Have customers focused, service orientated approach, strong decision making and problem-solving skills.

- Proven organizational and time management skills.

- Mentored many freshers who joined after me in regard to process what needs to be followed and skills which are required to be alive in Profiling field.

- Also act as a good mentor and work under any kind of environment.