**Ratna Reddy**  **Email**: ratnareddy0219@gmail.com

### **Senior Engineer** **Mobile**: **+91-9494940201**

# **SUMMARY**

**Having 4+ years of IT experience in various phases implementing, supporting and managing Virtual Infrastructure, Cloud Infrastructure, Paas and Windows environments.**

# **Skills**

* Working in ADF data integration service that allows you to create data-driven workflows for orchestrating data movement and transforming data at scale. Using Azure Data Factory.
* By using ADF create and schedule data-driven workflows (called pipelines) that can ingest data from disparate data stores.
* Expertise on ADF to dumping the data from on-prim NW to cloud network and creating linked services,data sets pipeline activities, implementing SCD1/2,CDC,incremental data loading.
* Worked on Azure DataBricks to **integrate with the Azure Data Lake Store and Blob Storage/ADLSgen2/gen1**to store, retrieve and update data.
* In ADB I worked multiple languages to create notebooks config creation by using python and Spark, now am leaning pySpark.
* In ADB worked on creation of cluster, DBFS, Pool and Job clusters. Cost optimization and improve the performance and debugging the notebooks jobs.
* Expertise on to store the data in azure cloud in blob, ADLSgen2/gen1.
* Worked on Azure SQL DB, DWH, Synopses services and implementing data modeling,indexes and performance improvement.
* creating LogicApps to implementing notifications, error handling exceptions and to maintain log history.
* Worked on Azure functions to scheduled the workflow, reusing the jobs.
* Worked on CI/CD pipeline implementation by using the UCD,Bit-bucket, Jenkins, terraform, power shell,azure devops.
* Worked on HDIinsights(Hadoop,HBase,Spark) cluster,Ambari configuration,Apache ranger policies creation.
* Working App services to migrate the any front-end application on-prime to cloud environment.
* To creating and maintain meta-data capture the data by using ADCgen2.
* helping the team in developing pipelines and code review.

# **Experience Summary**

**L&T technology services Pvt. Ltd., Bangalore**

**January, 2020 - till date.**

**Path partner technolgy Pvt. Ltd., Bangalore**

**August 2018 - Dec 2019**

**Accenture Solutions Pvt. Ltd., Chennai.**

**Sep 2016 - June 2018.**

# **Ed**ucation

University of JNTUK, BE in Electrical engineering with 66% in 2015.

# Professional Experience

# **# Project:** 4

**Project Name : Sony**

**Role : Application Developer**

**Period : Jan 2020 to till date**

**ROLES & RESPONSIBILIES:**

* Expertise on Azure PAAS service like Azure datafactory, data bricks, Azure HDInsight, Key vault, logic apps, Azure functions, App services, PowerApps, Blob storage, ADLS gen1/gen2, Azure analytic services and App insights.
* Creating Web frameworks and deployment through CI/CD pipeline or Static webpage hosting.
* working knowledge on Azure SQL DB/DW and Azure Data Factory developing pipelines, scheduling pipelines, storage repo and deploying from development environment to test and production
* Usage of various ADF connectors and linked services like Blob, Azure DWH, Azure data lake, Azure sql server. Implemented SCD type1, 2, email notifications using logic app, rollback using batch id and error handling
* Creating Notebooks by using Azure data Bricks with Python and Spark scripting language
* Worked on HDIinsights clusters to maintain data quality with required format.
* Creating Logic apps to integrate applications, data, services, systems across various enterprises or organizations.
* Worked on logic app create a business process graphically using the workflow engine and visual designer and connect them through connectors
* Creating logic app to send email notifications to different users when an event happens in various applications, services, and systems, etc
* Upgrade Deployed Azure Application Automatically or manually
* Loading an Edited Configuration File of an Existing Deployed Azure Applications Like Azure Data factory and Data Bricks
* Using Azure App Insights to monitor the service health check and notification
* Azure App Service - Configure Existing Application from Visual Studio and static Web hosting

# # Project : 3

**Client : Navico Simrad
Role : Application Developer**

**Period : August 2018 to Dec 2019**

**ROLES & RESPONSIBILIES:**

* Development web service using Windows Communication Foundation and .Net to receive and process XML files and deploy on Cloud Service on Microsoft Azure.
* Worked on Configuration of Internal load balancer, load balanced sets and Azure Traffic manager.
* Deployed the tools Microsoft Azure Cloud Service (PaaS, IaaS), and Web Apps.
* Improved application performance using Azure Search and Internet of Things (IOT) optimization.
* Implemented Azure Application Insights to store user activities and error logging.
* Developing azure data factory pipelines to transform data from blob/on premise SQL DB to azure data warehouse
* Error handling, alerts and notifications in pipelines
* Deploying pipelines from development environment to test and production
* Helping the team in developing pipelines and code review
* Developing reports using Power BI, RLS using workspace and publishing in App

# **# Project :** 2

**Client : TPVision India Pvt.Ltd
Role : Software Engineer.**

**Period : Dec 2017 to Jun 2018**

**Roles and Responsibilities:**

* Worked on Virtual Machines and Compute Instances: Create, Edit, Delete the VMs in ARM Model
* Configuration of the SQL Database, Managing Backup Strategy and Access Controls
* Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
* Script, debug and automate PowerShell scripts to reduce manual administration tasks and cloud deployments.
* Configure Implement, Secure and support Virtual Network and best security practices for single and multi-regional data centers.
* Automation of the creation of Azure Objects (VM, Storage Accounts, VNETs etc) using PowerShell.
* Configuration of Azure Storage Accounts in ARM portal.
* Configuration of Role Based Access Control for Organization using JSON, PowerShell and Azure Portal
* Migrated the application from Infrastructure as a Service (IaaS) to Platform as a Service (PaaS) by converting existing solution to Windows Azure Worker Role.
* Developed Micro services tools using Python, Shell scripting, XML to automate some of the menial tasks.
* Moderate and contribute to the support forums (specific to Azure Networking, Azure Virtual Machines, Azure Active Directory, Azure Storage) for Microsoft Developers Network including Partners and MVPs.
* Implemented PL/SQL stored procedures, triggers to monitor the performance of Oracle databases, Diagnosed Oracle bugs and coordinated with Oracle support through Oracle Support to resolve them in timely manner.
* Custom solution development, including utilization of PowerShell and OMS Data Collector API to collect, expose, and automate utilizing custom data.
* Creation of business development offerings featuring all aspects of OMS architecture, deployment and solutions.
* Experience Microsoft Azure date storage and Azure Data Factory, Data Lake.
* Supported bi-directional replication using oracle streams and designed the conflict resolution.
* All Data Access was done through REST web services calls to a cache database on the back end.
* Web Services has been created using SOAP.

# # Project : 1

**Client : Microsoft
Role : Associate Software Engineer**

**Period : Sep 2016 to Nov 2017**

**ROLES & RESPONSIBILIES:**

* Development web service using Windows Communication Foundation and .Net to receive and process XML files and deploy on Cloud Service on Microsoft Azure.
* Worked on Configuration of Internal load balancer, load balanced sets and Azure Traffic manager.
* Deployed the tools Microsoft Azure Cloud Service (PaaS, IaaS), and Web Apps.
* Improved application performance using Azure Search and Internet of Things (IoT) optimization.
* Implemented Azure Application Insights to store user activities and error logging.
* Developing azure data factory pipelines to transform data from blob/on premise SQL DB to azure data warehouse
* Worked on logic app create a business process graphically using the workflow engine and visual designer and connect them through connectors
* Creating logic app to send email notifications to different users when an event happens in various applications, services, and systems, etc.
* Upgrade Deployed Azure Application Automatically and manually
* Loading an Edited Configuration File of an Existing Deployed Azure Applications Like Azure Data factory and Data Bricks
* Using Azure Application Insights in PowerShell
* Azure App Service - Configure Existing Application from Visual Studio and static Web hosting
* Setting Up CI and CD for Azure App Services with GitHub And PowerShell.

# **Personal Profile**

**Name** : Ratna Reddy

**Present** **Organization** : L&T Technology services Pvt. Ltd.

**Designation** : Senior engineer

**Region** : Bangalore

**Languages** **Known** : English, Telugu, and Hindi.

**Marital Status** : Single

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 Marathahalli, Bangalore,560037.

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**Place: Bangalore Name: Ratna Reddy.**