

Professional Summary:

- Having around 7 years of Experience in the field of Azure, Azure DevOps, AWS, Software Configuration Management Services to design, automating and optimizing critical deployments in Azure and AWS.
- Strong Knowledge in Azure Data Factory, Azure Data Lake Gen2, Data Bricks, Blob Storage and Azure Synapse.
- Proficient in designing multi-tier architecture solutions and deploying various Azure services such as Azure ADLS, Data bricks, data factory, and blob storage.
- Experience in Design, develop, and maintain data pipelines and ETL (Extract, Transform, Load) processes using Azure Data Factory, Azure Databricks, and other relevant technologies.
- Strong Knowledge in creating pipelines in data factory to perform different activities on pipelines.
- Knowledge in creating data warehouses and data lakes in Azure, utilizing services like Azure SQL Data Warehouse, Azure Synapse Analytics, and Azure Data Lake Storage.
- Knowledge in Azure Key vault for securely storing application secrets, connection strings, API keys, and other sensitive information in Key Vault.
- Experience in Git, Gitlab, Jenkins and Kubernetes.
- Expertise in creating Azure Virtual machines, Blob storage, Azure Load Balancers, Auto Scaling groups and Azure Networking.
- Strong knowledge of Azure AI services.
- Experience in maintaining fully automated CI/CD pipelines for code deployments.
- Strong Knowledge in Azure app services to deploy the web applications
- Strong Knowledge in azure functions with python
- Experience in azure DeVops for continuous integration, development and deployment of applications.
- Strong knowledge in azure machine learning to build, train and deploy the machine learning models.
- Strong knowledge of Azure database services.
- Experience in Azure Databricks analytics platform that enables big data processing and advanced analytics.
- Experience in Azure App Services that automatically scaling the applications based on high demand, high availability and performance during traffic spikes
- Knowledge in Data backups, Restorations and disaster recoveries.
- Developed Facial Recognition model using Dlib and TLL.
- Experienced in varied technology environments and platforms such as Python Tableau, Machine Learning, Deep Learning, NLP, TensorFlow, Rasa and various Speech Recognition models
- Building up the Analytics function focused on all the aspects of Retail - Recommendations, Text Mining, Speech Recognition, Customer Behavior Understanding.
- Commendable Knowledge on Speech Recognition Models and Conversational

- Assistant , NLG and Machine Learning Models
- Techniques include advanced excel, SQL , Python, Tensor Flow,keras
- Expertise in advanced Conversational Assistant and Speech to Text Models.
- Having very good expertise in dealing with the Conversational Assistant in Multiple Languages.

Technical Skills:

Programming Languages: Python, SQL.

Azure Services: Azure data Factory, Azure Data Lake Storage, Data Bricks, Azure Synapse, Azure Open AI Services and Azure Devops

API Development: Designing and developing RESTful APIs using Python frameworks (Django).

Deployment: Experience in deploying Python applications on Azure using Azure DevOps, Azure Pipelines, and CI/CD processes.

Version Control: Git, GitHub.

Cloud Platforms: Microsoft Azure (VMs, Storage, Networking), AWS.

Databases: SQL Server, MySQL, MongoDB.

AI & Machine Learning: Classification, Clustering, Natural Language Processing and Understanding, Deep Learning, TensorFlow, Keras and Computer vision.

Cloud AI: Azure AI Services and AWS sage maker.

Education Details:

- ♦ B.Tech from JNTU UNIVERSITY in 2015

Professional Experience:

- ♦ Working in Cloudfaru Infotech pvt limited as Sr. Azure & AWS Engineer from Feb 2021 to till date.
- ♦ Working in nQuantum Ai Solutions pvt limited as AWS & DevOps & AI Engineer from July 2019 to 2021 Feb.

Product Name: Spark radius

Sr. Azure & AWS Engineer – Cloudfaru infotech Pvt. Ltd, Hyderabad.

Duration: June 2021 – Till Date.

- Understanding the Functionalities of Client Requirements.
- Gather data from various sources within the ISP network, such as network logs, customer usage data.
- Plan and execute the design and deployment of medium to large-scale Business Intelligence solutions on Azure. Utilize Azure Data Platform services such as Azure Data Lake, Data Factory, Data Lake Analytics, Stream Analytics, and Azure SQL Data Warehouse (Synapse Analytics).
- Develop data pipelines for the seamless migration of data from on-premises sources to Azure Data Lake. Additionally, create pipelines to efficiently copy on-premises data to Azure Data Lake Gen2.
- Craft linked services to facilitate data migration processes and ensure smooth data transfer to Azure Data Lake Gen2. Handle various tasks during the data migration process.
- Craft linked services to facilitate data migration processes and ensure smooth data transfer to Azure Data Lake Gen2. Handle various tasks during the data migration process.
- created clusters within Azure Databricks to manage data transformation tasks. Establish linked services for connecting Azure Data Lake with Databricks.
- Utilize Azure Databricks for Data transformation effectively.
- Configure serverless databases within Azure Synapse Analytics to accommodate data storage requirements.
- Implement secure access to sensitive information, such as passwords and credentials, through Azure Key Vault, ensuring data security and compliance.
- Collaborate with Power BI experts to seamlessly integrate Azure-based data into Power BI, resulting in the creation of insightful dashboards and reports.
- Collaborate with network engineers to implement improvements based on data-driven insights.
- Analyse customer usage patterns and behaviour to identify opportunities for upselling, cross-selling, or improving service plans.
- Collaborate with network engineers, application developers, customer support teams, and business stakeholders to ensure data solutions align with business goals and customer needs.

Product Name: Spark radius

Sr. Azure & AWS Engineer – Cloudfaru infotech Pvt. Ltd, Hyderabad.

Duration: Feb 2021 – June 2021

- Understanding the Functionalities of Client Requirements.
- Familiar with Django Microservice architecture
- Design and built various Microservices and establish communication between microservices through Kafka
- Responsible for various Microservices

- Discusses technical and design issues with other developers, managers, users or customers whenever necessary to achieve best solution
- Developed RESTful APIs using Python and Django framework, enabling seamless integration of various systems.
- Created Azure functions to handle data processing and integration tasks, improving overall system efficiency.
- Designed and implemented CI/CD pipelines for Python applications, ensuring continuous delivery and automated testing.
- Collaborated with cross-functional teams to gather requirements and provide technical guidance.
- Assisted in troubleshooting and resolving issues in production environments, minimizing downtime.
- Conducted code reviews and implemented best practices to ensure code quality and maintainability.
- Mentored junior developers, providing guidance on Python programming and Azure deployments.

Product Name: Quanta

Data Scientist – nQuantum Ai Solutions Pvt. Ltd, Hyderabad.

Duration: July 2020 – Jan 2021.

- Built the AI chatbot from Scratch Using open source like Rasa
- Built scalable APIs using Django framework, allowing seamless communication between different modules.
- Integrated Azure Cognitive Services into existing applications, enhancing their functionality and user experience.
- Implemented Azure Cognitive Search to improve search capabilities and information retrieval within applications.
- Collaborated with the data engineering team to optimize data processing and storage in Azure environments.
- Assisted in database design and optimization for improved performance and data integrity.
- Conducted system testing and debugging to identify and resolve issues in a timely manner.
- Provided technical support to clients, addressing their concerns and ensuring customer satisfaction.

Product Name: QSpeech

Data Scientist – nQuantum Ai Solutions Pvt. Ltd, Hyderabad.

Duration: April 2019 – June 2020.

- Worked towards improve the Accuracy of the model of speech Recognition.

- Worked on Acoustic and Language Models to convert the speech into text .
- Built the neural network with monogram, bigram and trigram
- Developed various Machine Learning Models to provide the required analytics on the converted text.
- Worked on Real time Speech recognition models.
- Focused on highly availability and auto scaling using cloud formation.
- Designed virtual private cloud and subnets to deploy the entire application.
- Created the Amazon S3 bucket and storage classes.
- Designed Amazon RDS , Load Balancer and integrated cloud watch to monitor the server configuration.
- Created IAM Roles and Security policies.
- Used different lambda services to automate the functionalities in the cloud.
- Configured vpc flow logs to monitor the network traffic.

Project Name: India Infoline

Jr Data Scientist – Tech-Mahindra India Pvt. Ltd, Hyderabad.

Duration: August 2017 – April 2019

- Worked towards improve the efficiency of the model in loan banking solution by using Under-fitting and over fitting models
- Worked to understand the business priorities over the different kind of predictors to influence the model efficiency.
- Analysis of customer segmentation for different kind of predictor factors like job type, education, marital status
- Help to predicate using Machine Learning Techniques by using almost 20 to 30 factors.
- Used Classification model to detect the feasibility of providing the loan or not.
- Implemented the text extraction feature of UIPATH(Underlined OCR)

Project Name : Classification Model on Lead Generation to buy the retail and banking products

Jr Data Scientist – Tech-Mahindra India Pvt. Ltd, Hyderabad

- Handled around 42 million records with 35 variables
- Did PCA analysis to identify the most important variables
- Built a various predictive model to identify the most effective model.
- Worked on Logistic regression, Decision tree, Random Forest, Support vector machines

- Did cross validation methods (Boosting, Bagging and K fold cross validation)
- Did model evaluation metrics by using (ROC, AUC)

Sentiment Analysis:

- Implemented effective statistical model evaluations within the product analysis
- Customer feedback about the experience and usage of the bank products and services by using NLP.
- By using the Count Vectorizer, able to text preprocessing, tokenizing and filtering stop words
- Using NLTK and Text Blob python library helps to measure the user ratings and able to categorize the positive and negative sentiment analysis