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OBJECTIVE

To work in a Challenging and Mutually Rewarding environment with an opportunity to continuously improve on both professional and personal fronts and build expertise in bringing a positive difference to the organization.

OVERVIEW

- Having 2+ years of IT experience as a software engineer working in production environment
- Have good data analytics skills to understand and create dashboards
- Good experience in providing fixes for bugs through tickets within SLA period.
- Worked in Azure hybrid Storage providing required resolutions and troubleshooting the fixes if needed
- Well versed working in Azure Environment and aware of database migrations using Azure Database Migrate services.
- Completed in house training of Big Data Hadoop and Spark and components of Azure Data Engineering in present org
- Proficient in analysing Data using SQL queries.
- Proficient in Spark SQL and APIs for data handling and manipulation tasks.
- Assisting customers for offline and online migration of data from on premise to Azure by checking prerequisites
- Have hands-on experience installation of Kubernetes and Docker on to user's environment and resolving queries pertaining to PODs, nodes and other errors
- Have knowledge about Git, Maven, Jenkins, Kubernetes and Docker
- Good working knowledge about different modules of Hadoop ecosystem(Hadoop, Sqoop, Flume, Hive, Pig, Spark, MySQL)
- Have good knowledge about working in Azure Data Factory and making transformations using Data Flows, HDI insight and Databricks
- **Microsoft Azure** Certified Azure Fundamentals, Azure Data Fundamentals and Azure AI fundamentals

TECHNICAL SKILL SETS

- **Languages:** Python, SQL, Basics of Scala, Linux
- **Working platform:** Jupyter notebook, Google Colaboratory
- **Big data:** Sqoop, Flume, Hadoop, Hive, Pig, Apache Spark, ADF
- **Tools:** Eclipse IDE, IntelliJ, Hue, Webconsole, Git Bash, Azure Portal

RELEVANT EXPERIENCE

Mindtree (2019)
Software Engineer(Azure)

[Client: Microsoft Feb19–Feb20](#)

Projects 1- Microsoft Azure Migration services (Training)

- Worked with customer on infrastructure of Azure Database migration services. Working on issues related to deployment of Kubernetes and Docker
- Worked with Client on Azure deployment related requests to understand by recognizing the severity of the tasks. Maintaining healthy dashboards by understanding the flows of request in service desk and documenting IT service, Management policies, process and policies based on ITIL best practices.
- Understanding and troubleshooting issues(network, storage or VM) related to performance issues or latency while accessing data from cloud
- Awarded "CSS Heros" and Rolling Trophies for displaying best in troubleshooting and resolving customer queries

Projects 2- Microsoft Azure Storage devices

- Worked with storage related queries of Databox, Databox disk, Azure File Storage, Stack Edge storage products (Online and offline)
- Worked on issues related to device upgrade and VM deployment
- Understanding and troubleshooting issues when the device goes down or production affects.
- Helping customer for importing and exporting of data to cloud by using Azure Databox/Databox Disk/Databox heavy
- Working on ICM's and maintaining a proper communication when customer hits production issues i.e. data inaccessible, ports blocked, backups not happening etc.
- Received a 'Unstoppable' Spot On award from Delivery manager for proactiveness and fulfilling all the metrics and got a total CPE of 4.8
- Worked in a team of 48 people and stood top twice in client handling performance
- Tools used : Azure Portal, ADMS, Offline migration: Databox, Databox disk, Online migration : ADMS, Azure stack edge

Projects 3- Microsoft Azure Migration Services

- Worked with Customer regarding issues related to online and offline migrations
- Guiding customers to perform migration of data from on-premise to Azure cloud by making use of data box disk, databox
- Migration of data from on prem to Azure file sync with Azcopy or databox as an intermediate
- Worked with troubleshooting of issues related to Kubernetes cluster deployment
- Assisting customers to perform data migration from On prem(Old device) to On prem(Old device) using Migration tool
- Tools used : Azure Portal , Putty

PROJECTS

Project 1: Covid 19 Prediction/reporting using Azure Data Factory

Ingesting “population by age” and ECDC website dataset for all European countries into the Data Lake to predict increase in Covid-19 mortality rates and visualizing transformed data in Power BI to compare the testing cases vs Death rate, comparing the cases between different countries using charts, mostly effected age group and other stats.

Responsibilities:

- Ingesting dataset for population by age, testing cases, Hospitalization ICU rates, confirmed cases from Azure Blob storage to Azure Data lake Gen2 using Azure Data Factory
- Processed the collected dataset using Data Flows, HDI insight and Databricks by selecting the required information for analysis leaving out unrequired data
- Constructed Table in Azure SQL database and populated the table using transformed data
- Connected to Power BI and analyzed the information in the form of graphs

Project 2: Streaming Twitter data into HDFS using Flume

- Used Flume as an ingestion platform for importing the twitter data into HDFS by configuring the config file for flume and initiating the flume job.

Project 3: Building Apache Spark Machine learning model for e-commerce company

E-commerce company who sells clothes online and customer purchases it after getting recommendation from Fashion advisers about the attire, later they proceed to checkout either from Website or application store. The main aim here is to predict the future spending of customers and applying business strategies to convert customers to Loyalty customers.

Project 4: Portuguese banking institution, ran a marketing campaign to convince potential customers to invest in a bank term deposit scheme. The marketing campaigns were based on phone calls. Often, the same customer was contacted more than once through phone, in order to assess if they would want to subscribe to the bank term deposit or not. Assessed the marketing success rates and failure rates using Apache spark . Analyzed the relationship between age and banking subscription. Observed impact of age and marital on to subscription

Project 5: Car insurance company wants to look at its historical data to understand and predict the probability of a customer making a claim based on multiple features. Performed exploratory analysis to understand the relation between multiple features and bring out the pattern .

- Created a data pipeline using Sqoop, Flume to pull the table data below from the MYSQL server(Car_data.csv) into the HBase table with one column family. Create a staging Hive table pointing to the HBase table and made transformations before loading it to Main Hive table
- Performed data analysis using Hive to display the repeated claim customers based on the age category, marital status, gender, and the urbanicity falling in top 75%. Found top two car types with the maximum claim amounts.

Kubernetes project: Demonstrated the usage of Volume to communicate between two Containers running in the same Pod. Check the health of the running pod by describing it with the list of events, inspecting its logs, and finally debugging its containers.

Responsibilities:

- Created a Pod that runs two Containers and describe the running pod to check its health and Inspected the pod logs to check if any container is crashing or not. Debug the individual containers for more detailed information

CERTIFICATIONS :

- Cleared Google analytics, Advanced Google analytics and Google Analytics Individual Qualification(GAIQ) exam where I have explored about the role of Google analytics in Ecommerce business as well as about analytics account structure and how to setup dashboards
- Cleared Microsoft Certified-Azure AI fundamentals (AI-900) exam
- Cleared Microsoft Certified – Azure Data Fundamentals exam
- Cleared Microsoft Certified-Designing and implementing an Azure AI solution (AI-100)
- Completed Hadoop and Spark developer course from Simplilearn
- Completed Azure Data engineer from Udemy

EDUCATION :

- **Dayananda Sagar institutions(2014-2018)** : Bachelor of Engineering in Electronics and communication. Bengaluru,IN
- **Kendriya Vidyalaya Borjhar(2014)** : Secondary School Certificate Examination, Guwahati

ACHIEVEMENTS AND AWARDS :

- Participated in project proposal event organized by IEEE and got 2nd prize
- Awarded for distinctive performance in 2nd and 3rd Nationalwide Biotechnology Olympiad with All India rank 1125 and 225(merit) in the year 2008 and 2009 respectively.
- Participated and published a paper entitled “Eye Blink sensed communication Media for paralyzed patients using Embedded System” in international conference on recent innovations.
[Eye Blink Sensed Communication Media For Paralyzed Person Using Embedded System - Ignited Minds Journals](#)
- Selected for Limica book of records Quiz contest in National level
- Appreciated several times by the client for successful project Delivery and implementation.
- Recognised as Best Team for delivering a project in due time without much prior knowledge about the client environment.

REFERENCES :



<https://www.linkedin.com/in/ankita-c-b6ba0713b/>

DECLARATION

I am keen to continue my career and prepared to work in order to achieve organisation’s objectives and I hereby declare that the above written particulars are true to best of my knowledge and belief.

