

**Sunil Kumar M**  
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### **PROFESSIONAL SUMMARY**

<b>Big Data Based Technologies:</b>	Hadoop, Hive, Cassandra, Kafka, Spark.
<b>Enterprise Middleware:</b>	Apache Kafka, Web Methods, Docker and Kubernetes.
<b>Business Intelligence &amp; Analytics</b>	MongoDB, Amazon Redshift, Azure Data Factory, Data Lake,
<b>Data Warehousing, Data Marts:</b>	Delta Lake, Databricks, Cosmos DB, Snowflake and BI Tools like MicroStrategy. Tableau, Oracle, AWS Glue
<b>Systems:</b>	Linux, Windows.
<b>Tools:</b>	Microsoft Office365(Power point, Word, Excel), Active Directory.
<b>Programming Languages:</b>	Python, Java, MySQL, C, HTML, CSS, PL/SQL, Spark, SQL.
<b>RDBMS:</b>	Oracle 11g, MySQL, PostgreSQL, IBM DB2
<b>Development Tools:</b>	Eclipse, NetBeans, PyCharm, Jupyter Notebooks.
<b>Version Control Tools:</b>	GitHub, SVN
<b>ETL Tools:</b>	Informatica, SSIS, DataStage.
<b>Program Management:</b>	Database migrations, system migrations/integrations, automated solutions.
<b>IT Project Life Cycle:</b>	Requirements management, business analysis, project scheduling, testing, PMO, resource onboarding, Agile, Confluence, JIRA.
<b>Program Management:</b>	Agile Methodology, Scrum Boards, Gantt Charts, Version control, Risk Management, Documentation.
<b>Value-Added Leadership:</b>	Team building and mentoring, client relations and presentations.

### **SUMMARY**

- Data Engineer with 3+ years of experience in building data intensive applications, tackling challenging architectural and scalability problems, managing data repos for efficient visualization, for a wide range of products.
- Highly analytical team player, with the aptitude for prioritization of needs/risks. Constantly striving to streamlining processes and experimenting with optimizing and benchmarking solutions. Creative problem-solver and loves challenges.
- Experience in shaping and implementing Big Data architecture.
- Reliable Data Engineer keen to help companies collect, collate and exploit digital assets. Skilled administrator of information for Azure services ranging from Azure Databricks, Azure relational database and non-relational database, and Azure data factory and cloud services.
- Practiced at cleansing and organizing data into new, more functional formats to drive increased efficiency and enhanced returns on investment.
- Dynamic Database Engineer devoted to maintaining reliable computer systems for uninterrupted workflows. Delivered up-to-date methods to increase database stability and lower likelihood of security breaches and data corruption.
- Background includes data mining, warehousing and analytics. Proficient in machine and deep learning. Quality-driven and hardworking with excellent communication and project management skills.

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## PROFESSIONAL EXPERIENCE

**Staffbee Solutions Inc., Dallas, TX**  
**Data Engineer**

**02/2023 -Present**

- Designed and implemented end-to-end data pipelines on Azure Data Factory to extract the financial data from various sources, transform it using Azure Databricks, and load it into Azure SQL Data Warehouse for analytics purposes.
- Utilized Azure Cosmos DB for NoSQL data storage, optimizing data retrieval for web applications, and reducing query response time.
- Collaborated with data scientists to deploy machine learning models using Azure Machine Learning Services, enabling real-time predictive analytics for customer engagement.
- Implemented data security measures and encryption at rest and in transit to ensure compliance with data protection regulations.
- Automated data ingestion and transformation processes using Azure Logic Apps and Azure Functions, reducing manual intervention.

**Neptune Information Solutions, Bangalore, India**

**06/2021-12/2021**

### **Data Engineer-Intern**

- Developed a relational database for Content Management System. Migrated the existing database from MySQL to DynamoDB for an application and handled multiple API calls.
- Worked with various application teams and helped them in developing backend services using Python, Java, J2EE and RESTful webservices.
- Written complex queries in SQL that involved creating/updating tables, joins, aggregate functions and subqueries. Implemented ETL process on a software using SQL.

**Cognizant, Hyderabad, India**

**02/2021-05/2021**

### **Data Analyst**

- Intern role within the data analytics team, delivering insights to optimize business operations.
- Designed SQL queries to manage and retrieve data, improving data accessibility.
- Collaborated with Data Science team to build predictive models, resulting in a increase in forecast accuracy for client.
- Implemented a data visualization solution using Tableau for the sales team to understand sales trends better resulting in an increase in revenue.

**IT Intellect Micro solutions, Pune, India**

**01/2020 – 1/2021**

### **Data Engineer**

- Created data transfer pipelines between Azure services and on-premises systems, resulting in a network throughput increase
- Developed and maintained stored procedures, views, and functions in SQL server to optimize data extract, transform and load (ETL) processes.
- Developed data models that streamlined data processing pipelines in the Azure environment, resulting in an increase of 30% in productivity.
- Streamlined data integration, profiling, and validation for various datasets by 40%, improving customer outcomes.
- Collaborated with Analytics and BI teams to develop globally adopted metrics and reporting-on-demand solutions, reducing manual data analysis.
- Automated monthly data purge processes through Azure Data Lake and Azure Data Factory, resulting in decreased storage costs.

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### **ACADEMIC PROJECTS AND ACHIEVEMENTS**

- Founder and Mentor of “Coding for All” program in undergraduation. This program task is to help beginners at Vardhaman College of Engineering to get familiarized with basic programming concepts and conduct weekly discussions on outreach program to learn coding.
- Python Machine Learning project to process the data from the previous historical medical records and predict the future scenarios of the patient using Statistics, DataMining, and Machine Learning.

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### **EDUCATION and CREDENTIALS**

Master of Engineering in computer sciences – University of Cincinnati, Ohio  
Bachelor of Technology – Vardhaman College of Engineering, India

**12/2022**  
**05/2021**