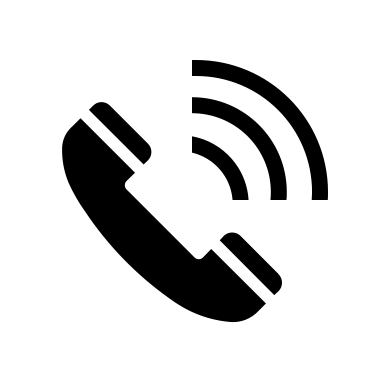
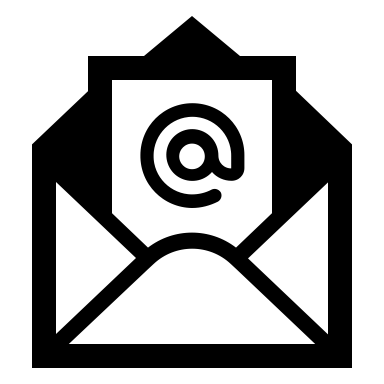
**Ajith Suraparaju** Data Engineer

**~** [ajith1997raju@gmail.com](mailto:ajith1997raju@gmail.com) **|**  +1 (216) 334 5668 **|****~** Grand Rapids, MI – 49512 **|** A blue and black logo

Description automatically generated  **~** [LinkedIn](https://www.linkedin.com/in/ajith-suraparaju/) **|**  **~** [GitHub](https://github.com/Ajith-Suraparaju)



# Summary Of Qualification

Experienced Data Engineer with 3+ years in building and optimizing data pipelines using Python, SQL, and big data tools like Apache Spark and Kafka. Improved data processing speeds by 40% through efficient ETL processes. Skilled in cloud platforms such as AWS and Azure and proficient in data warehousing with Redshift and Snowflake. Seeking to apply expertise in a Data Engineering role.

# Technical Skills

# Programming & Scripting: Python, SQL, NoSQL

# Data Engineering & Big Data: Apache Spark, Hadoop, Hive, Databricks, AWS Glue, AWS EMR, Kafka, PySpark

# Data Warehousing & Storage: Snowflake, MongoDB, PostgreSQL, AWS Redshift, S3, Amazon Athena

# Data Visualization: Power BI, AWS Quick Sight

# Cloud Platforms: AWS Services, Azure Services

# Tools & Other: GitHub, Data Governance with AWS Lake Formation

# Professional Experience

Big Data Engineer **|** Kohler Co. **Remote, USA |** January 2024 - Present

*Technologies*: SQL, Python, Hive, Hadoop, MongoDB, AWS Lake Formation, AWS QuickSight

* Built and optimized big data solutions with **Hadoop** and **Hive**, enabling the organization to process and analyze over 1 billion records daily, improving operational efficiency by 25%.
* Enhanced data governance using **AWS Lake Formation**, ensuring data privacy and compliance by implementing automated role-based access controls.
* Integrated and managed NoSQL databases like **MongoDB** for high-performance data storage, reducing query response times by 30% for high-volume transactions.
* Created real-time analytics dashboards with **AWS QuickSight**, delivering key performance indicators to leadership and reducing decision-making time by 20%.
* Automated data quality checks in ETL processes, increasing data accuracy and reducing manual error correction efforts by 40%.

Data Engineer **|** Pacs  **Indiana, USA|** May 2023 – December 2023

*Technologies*: Python, SQL, Apache Spark, AWS Glue, AWS EMR, Redshift, S3, Power BI, Kafka, Databricks

* Designed and maintained scalable ETL pipelines using **Apache Spark** and **AWS Glue**, reducing data processing times by 40% and increasing data accessibility across departments by 30%.
* Engineered data ingestion processes with **AWS EMR** and **Databricks**, enabling real-time processing of large datasets and improving data analysis speeds by 50%.
* Optimized data warehousing using **AWS Redshift** and **S3** to handle high-volume transactions, achieving a 35% reduction in storage costs while enhancing data retrieval efficiency.
* Implemented data streaming solutions with **Apache Kafka**, supporting fault-tolerant, real-time data pipelines with 99.9% uptime, scaling operations for business demands.
* Developed interactive dashboards in **Power BI** to visualize key metrics, providing stakeholders with actionable insights and reducing manual reporting time by 60%.

Jr Data Engineer **|** MoneyTap **Pune, India |** June 2020 – July 2022

*Technologies*: PySpark, SQL, AWS Redshift, PostgreSQL, Amazon Athena, Kafka, Azure Services

* Developed real-time data pipelines with **PySpark** and **Amazon Athena**, facilitating fraud detection and transaction monitoring with 30% faster alert generation.
* Implemented secure data warehousing solutions on **AWS Redshift** and **PostgreSQL**, achieving a 25% increase in storage efficiency and data security compliance.
* Deployed and managed event-driven data **streams** using **Apache Kafka** on **Azure**, enabling distributed processing with a 99% reliability rate and reducing data lag.
* Utilized SQL for complex data transformations, optimizing query performance and enhancing data accessibility for business intelligence applications.
* Collaborated with cross-functional teams to deliver integrated solutions, aligning data engineering projects with business needs and boosting adoption rates by 15%.

# Education

**Master of Science in Data Science | Indiana Wesleyan University** Indiana, USA **|** April 2024

**Bachelor of Science in Computer Science and Engineering | Sri Venkateshwara University** Tirupati (AP), India **|** May 2020

# Certification

AWS Certified: Data Engineer Associate **|** Sep 2024

Microsoft Certified: Azure Data Fundamentals **|** May 2024