


# Jaikeerthivelan R

## Data Engineer

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### Profile Summary

Microsoft Fabric Super User & Certified Professional with 4+ years of expertise in Banking, E-Commerce, Logistics & Pharma domains. Proven in problem solving, communication, leadership, and cross-team collaboration to architect scalable analytics solutions.

### Technical Skills

**Languages:** Python, SQL, PySpark, KQL, SparkSQL, DAX, NOSQL, Power Query M  
**Tools:** Databricks, SSMS, Apache Airflow, Power BI, Microsoft Fabric, Power Automate, JIRA  
**Cloud Technologies:** Azure Data Factory, ADLS, Azure SQL, Rest APIs  
**Data Concepts:** Data Modeling, ETL, ELT, Data Visualization, Data Integration, Performance Tuning

### Work Experience

<b>Data Engineer</b> <i>Tiger Analytics</i>	Dec 2021 – Present Chennai, IN
<ul style="list-style-type: none"><li>Led and developed a Power BI/Fabric Admin Monitoring Accelerator, boosting monitoring efficiency by <b>50%</b> and generating <b>\$200K+</b> in revenue.</li><li>Implemented Medallion Architecture in Azure Data Lake, processing <b>50GB+</b> of data daily and reducing data transformation time by <b>40%</b>.</li><li>Designed and implemented scalable data pipelines with CI/CD using Airflow and ADF which reduced data processing time by <b>35%</b>.</li><li>Developed a Gen AI Accelerator that migrates Tableau LOD to DAX using OpenAI which reduced the migration time by <b>43%</b>.</li><li>Automated client's weekly scorecard with Python and SQL, reduced processing time from <b>2 hours</b> to just <b>15 minutes</b>.</li><li>Implemented Direct Lake Architecture with incremental data load using Dataflow Gen 2 and Notebooks, reducing in-memory storage and improving data processing efficiency.</li><li>Enforced Row Level Security (RLS) or RBAC across database and dataset layers to maintain financial data integrity.</li><li>Implemented sequential refresh in Power BI service by leveraging Power Automate triggers based on DWH job status.</li><li>Developed over <b>30+</b> interactive reports by implementing dynamic concepts and industry standard best practices.</li><li>Embedded Power Apps into native reports, enabling write-back functionality thus improving data accuracy by <b>25%</b> and reducing manual entry time by <b>50%</b>.</li></ul>	
<b>Software Artist</b> <i>AlphaBake (TRI3D)</i>	Jan 2020 – Oct 2020 Chennai, IN
<ul style="list-style-type: none"><li>Installed and developed Python packages that improved automation and cut manual work by <b>55 minutes per day</b>.</li><li>Automated Excel reporting using Pandas and OpenPyXL thus reducing report generation time from <b>3 hours</b> to <b>10 minutes</b>.</li><li>Integrated Python with a foreign exchange rate API (Forex, Open Exchange Rates) to automate multi-currency data processing.</li><li>Created high-quality templates with Blender and Adobe, boosting team productivity by <b>40%</b>.</li><li>Used GIT for version control and Google Drive for real-time sharing, ensuring smooth team collaboration.</li></ul>	

### Education

<b>Great Lakes Institute of Management</b> <i>Postgraduate Program, Data Science &amp; Engineering</i>	Chennai, IN Jul 2021 – Jan 2022
<b>Sri Venkateswara College of Engineering</b> <i>Bachelor of Engineering, Electronics and Communication Engineering</i>	Chennai, IN Sep 2015 – Mar 2020

### Certifications

- PL-300** Microsoft Certified Power BI Data Analyst Associate
- DP-600** Microsoft Certified Fabric Analytics Engineer Associate
- DP-700** Microsoft Certified Fabric Data Engineer Associate
- AI-900** Microsoft Certified Azure AI Fundamentals
- AZ-900** Microsoft Certified Azure Fundamentals