



# DEVIKRISHNA R

Senior Azure Data Engineer **with 6 years of experience** in designing, building, and optimizing robust data solutions on the Microsoft Azure platform. Seeking a challenging role in a dynamic organization to leverage expertise in **Data Engineering & Cloud Data Engineering**, driving business intelligence and analytics initiatives. Committed to enhancing data infrastructure for optimal performance and staying at the forefront of emerging data technologies

**Industry Preference:** Product Based Organization  
**Location Preference:** Preferably in Southern India (Open to Relocation)

+91 7559874547

rdevikrishna7@gmail.com

<https://www.linkedin.com/in/devikrishna-r-92085678/>

<https://www.youtube.com/@visionboard3842/videos>

## Core Competencies

- Data/Cloud Data Engineering
- Azure Data Factory
- Azure Databricks
- SQL Development
- Python Programming
- ETL Processes
- Azure Synapse Analytics
- Streaming Data Processing
- PySpark
- Azure Storage Services
- Cloud-based Data Solutions

## Education

**2021:** PG Diploma from Annamalai University / Distance

**2016:** B.Tech. in Computer Science from MG University, affiliated to University College of Engineering

## Projects Undertaken:

- **Data Warehousing Solution:**  
Designed and implemented a data warehousing solution for EY, improving data accessibility and analysis capabilities, resulting in a 30% increase in data-driven decision-making
- **Real-time Data Streaming Solution:**  
Developed and implemented a real-time data streaming solution for Wipro, enabling faster insights and decision-making
- **ChatBot Development:**  
Designed, built, and maintained interactive ChatBots for employee communication at Orion, improving employee engagement & reducing response time for common queries

## Profile Summary

- Possessing 6 years of experience in the IT industry, focusing on **Azure Data Engineering**, and working with leading organizations such as **EY and Wipro**
- Currently working as, a **Senior Azure Data Engineer at EY**, leading and managing a team of data engineers to design and implement robust data solutions on the Microsoft Azure platform
- Proficient in **designing scalable and efficient data solutions on Azure**, comprehending functional requirements from business stakeholders, and collaborating with cross-functional teams to achieve project goals effectively
- Liaised with data architects and stakeholders to **design and implement scalable and high-performing data architecture** in the cloud
- Skilled in **developing data ingestion and transformation pipelines** using Azure Data Factory, Azure Databricks, and other relevant tools, extracting data from diverse sources, and performing data cleansing, transformation, and enrichment to prepare it for analysis
- Possess the basic understanding of **Data Visualization** software like **Power BI**
- Demonstrating **strong problem-solving abilities**, analytical skills, and excellent communication and interpersonal skills, essential for effective team leadership and collaboration

## Work Experience

**Since Apr'21– Present: EY as Senior Azure Data Engineer**

### Key Result Areas:

- Leading and **managing a team of data engineers** to design and implement robust data solutions on the **Microsoft Azure platform**, ensuring alignment with business objectives and stakeholder requirements
- Collaborating with business stakeholders to understand **functional requirements** and translating them into scalable data solutions, leveraging appropriate Azure services and components
- Designing and developing data pipelines using **Azure Data Factory, Azure Databricks, Azure Synapse Analysis, Azure Data Gen 2, Azure Key vault, Function App**, and other relevant tools, ensuring efficient data ingestion, transformation, and enrichment processes
- **Extracting data from diverse sources**, performing data cleansing, transformation, and enrichment to ensure data quality, and implementing data governance practices to ensure compliance and data security
- Optimizing data solutions for performance and scalability, **providing technical guidance** and support to team members, and staying updated with emerging data technologies and trends
- Developing and managing **data ingestion processes** to collect data from various sources, such as databases, APIs, streaming platforms, and external systems, and load it into the cloud-based data storage systems
- Creating and maintaining data models that provide efficient access to **structured and unstructured data for analytical purposes**
- Ensuring **data quality, accuracy**, and consistency by implementing **data validation checks & establishing data governance practices**, such as data lineage tracking, data cataloging, and access control
- Implementing security measures to **protect sensitive data and comply with industry regulations** and data privacy laws, such as **GDPR or HIPAA**
- Implement **version control systems** and **continuous integration/continuous deployment (CI/CD)** pipelines for data engineering projects to ensure proper collaboration & automated testing

### Significant Highlights:

- Successfully designed and implemented a data warehousing solution that improved data accessibility and analysis capabilities, resulting in a 30% increase in data-driven decision-making
- Streamlined data ingestion and transformation processes, reducing data processing time by 40%

## IT Skills

- Azure Data Factory
- Azure Databricks
- SQL Development
- Python Programming
- PySpark
- Azure Synapse Analytics
- Azure Storage Services
- ETL Processes
- Streaming Data Processing
- Cloud-based Data Solutions

## Personal Details

**Date of Birth:** 21 October 1993

**Languages Known:** English, & Malayalam

**Address:** Kottayam 686564, Kerala

- Implemented data quality checks and automated data validation processes, ensuring data accuracy and integrity

### Jan'19 – Apr'21: Wipro as Azure Data Engineer

#### Significant Highlights:

- Collaborating with business stakeholders and team members to comprehend functional requirements, extracting data from various Azure data storage services, and loading it into cloud data stores for further processing and transformations
- Creating end-to-end data pipelines using Azure Data Factory, managing on-demand clusters, and establishing link services between data sources and destinations, ensuring seamless data flow and integration
- Setting up and managing Databricks clusters, using Python notebooks to perform data transformations from raw to refined data, and facilitating knowledge transfer to new team members and supporting existing team members in adapting to upcoming changes in the data engineering environment
- Successfully migrated multiple data sources to Azure, improving data accessibility and reducing infrastructure costs
- Developed and implemented a real-time data streaming solution, enabling faster insights and decision-making

### Aug'17 – Dec'18: Orion India Pvt. Ltd. as Software Engineer

#### Significant Highlights:

- Designing, building, and maintaining interactive chatbots for employee communication using Python and Flask framework, integrating machine learning applications into the chatbot to enhance its capabilities
- Implementing natural language processing (NLP) techniques to enable the chatbot to comprehend and generate human-like responses, and training the chatbot using relevant datasets to continuously improve its conversational abilities and accuracy in providing responses
- Developed a chatbot that improved employee engagement and reduced response time for common queries by 50%
- Implemented machine learning algorithms that increased the chatbot's accuracy in providing relevant responses by 30%

## Certifications

- DP-203 (Microsoft Certified: Designing an Azure Data Solution)
- Databricks Certified Data Engineer
- DP-900 (Microsoft Certified: Azure Fundamentals)
- Databricks Lakehouse Platform Fundamentals
- Google Cloud Associate Engineer