

# RIYA CHACKO

## Microsoft certified Azure Data Engineer

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Amsterdam Netherlands ☆ Dutch Citizen



### CERTIFICATION

DP-203: Data Engineering on Microsoft Azure(2023)

PL-300: Microsoft Power BI Data Analyst(2023)

AZ-900: Microsoft Azure Fundamentals(2022)

### PORTFOLIO

#### Link

<https://inkachibuiten.github.io/rchacko.github.io/>

### TECH STACK

#### Azure services

Azure Data lake Storage

Azure Data factory/ADF

Azure Databricks

Azure SQL database

Azure Synapse Analytics

Azure SQL Data warehouse

Azure EventHub

Azure Devops

Azure Storage

Delta Lake

Azure Cloud

#### Skill set

Data Engineering ,Data Analytics,

Data Visualization, Data cleaning

Data Quality

### SUMMARY

In my extensive software engineering journey spanning through several MNC's, I have dedicated 4 years specifically to data engineering, showcasing a deep expertise and specialization in this rapidly evolving domain.

Certified microsoft azure Data Engineer Associate with a focus on clean, reusable, and performant code and in ETL development.

Extensive experience working with various relational databases and SQL, along with solid experience in multiple programming languages including Python, Java, C++, and SQL, ensuring efficient data retrieval, manipulation.

Possess strong understanding and knowledge of cloud technologies, particularly Azure, with hands-on experience gained through Exploratory Projects focused on data engineering tasks.

Proficiently utilized Azure Synapse Analytics, , DataBricks, and Azure Data Factory pipelines. Applied skills in PySpark, DeltaLake, Spark Architecture, and ETL processes to ensure robust data engineering solutions.

Experience in Financial software development Services and in the agile environment

Proactive, goal-oriented professional with an innovative, global mindset, a track record of meeting deadlines, and the ability to work effectively in high-pressure situations. Advanced level of English, both oral and written.

### WORK EXPERIENCE

#### Retrained in Microsoft Azure Data Engineering

Techionista Academy

12/2022 - 04/2023 Amsterdam Netherlands

Skills: Azure Synapse Analytics, Azure Stream Analytics, Azure Event Hub, Azure data lake storage, Azure Data Factory, SQL, Python, Power BI, Azure Cognitive services, Devops, Github, Databricks

- implemented a data pipeline using lambda architecture for a project named "vendee globe " using a realtime data ingestion using azure event hub and processed it using azure synapse analytics and visualization using powerbi.
- Executed a comprehensive Data engineering project, examining diverse traveler profiles and feedback on Techionista Holidays. Employed Azure Cognitive Services for sentiment analysis and Power BI for data visualization, delivering actionable insights to optimize Techionista Holidays' website and elevate user satisfactions.

#### Parenting and Professional Growth

##### Career Hiatus

09/2010 - 10/2022

- During the career break dedicated to parenting and personal growth, I remained actively engaged in professional development and community service

TECH STACK

Languages

Java

Python

c++

Pyspark

SQL

Database

MySQL,Oracle, DB2, Hibernate

MISC

Agile

Scrum

powerBI

CI/CD

TRAINING / COURSES

Trained in "Microsoft Azure Certified Data & AI " at Techionista Academy

LANGUAGES

English

Proficient

Dutch

A2 level certified

CITIZENSHIP AND WORK

Dutch Citizen.  
No visa needed to work in Netherlands

Author

STRENGTHS

**Extensive Experience**  
Dedicated 4 years to data engineering with strong expertise and specialization

**Versatile Skill Set**  
Solid experience in multiple programming languages and various relational databases

**Cloud Technology Proficiency**  
Strong understanding in Azure cloud technologies

**Proactive and Goal-oriented**  
Innovative, global mindset with a record of meeting deadlines in high-pressure situations

WORK EXPERIENCE

Senior Software Engineer

Oracle Corporation

📅 04/2006 - 09/2010

📍 Bangalore

Skills: SQL,Python,Java,Oracle Database

- Constructed a **data pipeline** that facilitated the ingestion, analysis, and transformation of logging data produced during Oracle Fusionware installations. This innovative solution resulted in a 12% reduction in problem resolution time, improved contextual understanding of installation issues, and a seamless installation progression.
- Achieved recognition as the top contributor in the Oracle Fusion Middleware Patch Set team, showcasing exceptional commitment and expertise in driving successful patch set implementations.

Senior Software Engineer

Misys Banking Solutions.

📅 05/2005 - 04/2006

📍 Bangalore

Skills:Python,SQL,JAVA,Hibernate

- Developed and implemented a **data pipeline** for end-to-end ETL processes, encompassing web APIs, resulting in enhanced data integration, transformation, and system efficiency.
- Successfully extracted data from X RESTful APIs, performed efficient transformations, and loaded it into the Banking system. This achievement led to a 20% improvement in data processing speed and contributed to streamlined data management and system optimization.

Software Engineer

EcommIT Labs Pvt Ltd

📅 05/2004 - 03/2005

📍 Cochin

Skills:Java,Mysql

- Designed and developed XIBOS product, a cutting-edge management solution tailored for online businesses, driving operational efficiency and productivity gains.

Software Engineer

SYNERGY LOG IN Banking Solutions

📅 02/2001 - 04/2004

📍 Chennai

Skills Used: SQL,Python,Java,c++

- Developed and deployed a **robust pipeline** for ingesting and transforming historical data, resulting in the successful implementation and programming of the Monte Carlo VAR Express for Gantry Trades product.
- Which of your achievements match the job you're applying to?
- This initiative led to a remarkable enhancement of risk analysis capabilities, with a 10% increase in accuracy, enabling precise trade calculations and delivering invaluable insights for decision-making in the financial portfolio.

EDUCATION

Bachelors in Electronics and Telecommunications Engineering(HBO)  
Government Engineering College Thrissur, Kerala,India