

# Vivek Rajendra Ugale

Azure Data Engineer | Databricks | SQL

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## PROFESSIONAL SUMMARY

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Results-driven Data Engineer with 1.9 years of experience in designing and optimizing scalable ETL pipelines using Azure, ADF, Databricks, and SQL. Skilled at solving complex data challenges and collaborating with cross-functional teams to deliver high-performance, data-driven solutions. Committed to continuous learning and applying innovative techniques for impactful results.

## EDUCATION

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### GES's R.H Sapat college of engineering

Bachelor of Engineering (Mechanical Engineering) (82.28 %)

June 2019 - June 2022

## SKILLS

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|-------------------|----------------------------|
| • SQL             | • Azure Data Factory (ADF) |
| • Pyspark         | • Azure Databricks (ADB)   |
| • Microsoft Azure | • Azure DevOps (CI/CD)     |

## WORK EXPERIENCE

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### Capgemini

Analyst /Software Engineer

April 2023 - Present

#### Project 1:

- Developed code to automate the translation of business logic from source-to-target mapping (STTM) documents, ensuring accurate and efficient data transformation in line with client requirements.
- Designed and implemented Databricks workflows for automated notebook execution and scheduling, improving operational efficiency and collaboration with stakeholders.
- Collaborated closely with Business Analysts to understand data needs and provided effective solutions using SQL and Pyspark, ensuring alignment with client objectives and data processing requirements.
- Deployed code seamlessly across Development, QA, and Production environments to ensure consistent functionality and integration.
- Worked with QA and testing teams to troubleshoot, resolve issues, and implement bug fixes efficiently, leveraging JIRA for transparent tracking and communication.
- Utilized Unity Catalog for centralized governance and applied Medallion Architecture with Delta Tables for enhanced data processing across different layers.
- Managed both managed and external tables within Databricks, optimizing data storage, access control, and governance using Service Principals and robust data security policies.

## Project 2:

- Designed and implemented modern data pipelines to integrate and transform multiple data sources, optimizing data flow efficiency across bronze, silver, and gold layers using Azure Data Factory (ADF) and Python.
- Managed metadata for dynamic data passing through ADF pipelines, ensuring streamlined automation, scheduling of workflows, and maintaining data consistency.
- Enhanced data ingestion strategies with full and incremental load approaches, significantly improving processing speed and reducing latency in the data pipeline.
- Optimized SQL queries, views, and stored procedures across various database environments to improve performance and streamline data transformation processes.
- Contributed to the deployment and maintenance of the MX-Ingest framework for multiple clients, ensuring seamless data management, consistency, and scalability.

## CERTIFICATE

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- Microsoft Certified: Azure Data Engineer Associate (DP203)
- Databricks Certified Data Engineer Associate
- Microsoft Certified: Azure Administrator Associate (AZ104)