# Kunal Kharade

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*Data professional with 2 years in Azure Data Factory, DBT, Snowflake, Power BI, Python, SQL. Expert in migration and data pipelines for warehousing. Proven problem solver, adept at delivering effective solutions. Demonstrated ability to work effectively in cross-functional teams, collaborate with stakeholders, and solve complex data related issues. Proven experience in implementing data quality and security controls. A quick learner with a passion for continuous learning and staying up-to-date with the latest industry trends and technologies.*

## PROFESSIONAL EXPERIENCE

**LTIMINDTREE, Pune | SCHNEIDER NATIONAL (Travel, Transport and Hospitality)**

Associate Data Scientist  *Jan 2023–Present*

Data Engineer  *Jan 2022–Jan 2023*

- Spearheaded ETL (Extract, Transform, Load) processes, demonstrating expertise in designing and executing data migration projects.
- Championed data migration initiatives leveraging Azure Data Factory (ADF) to seamlessly integrate on-premises and cloud data sources with Snowflake data warehouses.
- Developed data quality assurance processes and implemented data validation checks within ADF pipelines to ensure the integrity and accuracy of the data.
- Engineered and optimized ADF workflows to streamline data ingestion, transformation, and loading processes, enhancing overall efficiency.
- Designed and implemented scalable data architectures on Azure, leveraging services such as Azure Blob Storage, Azure SQL Database, Azure Data Lake Storage, Azure Databricks and Azure Synapse Analytics.
- Developed and maintained data pipelines for various data sources and destinations, utilizing SQL and Python with Pandas and NumPy for data manipulation and analysis.
- Automated data pipeline scheduling using Bash scripting, ensuring timely data availability for downstream applications and improved operational efficiency.
- Conducted performance tuning and optimization of Azure Data Factory pipelines to improve data processing efficiency and reduce latency.
- Crafted comprehensive design documents outlining approach, requirements, data flows, job information, data mapping, and unit test cases, ensuring clear communication and project success.
- Applied extensive proficiency with the Snowflake data warehouse, encompassing data modeling, schema design, SQL querying, and proactive performance optimization.
- Collaborated seamlessly with consumption teams to craft and deploy Power BI reports and dashboards, ensuring data accuracy and perpetuating consistency.
- Forged successful collaborations with cross-functional teams, including developers, data scientists, and business analysts, to deliver data-driven solutions that empowered data-informed decision-making.

## EDUCATION

**Ajeenkya D Y Patil University**  **Pune, Maharashtra**

Bachelor's degree, Automobile engineering,  *Aug 2021*

**Satara Polytechnic Satara**  **Satara, Maharashtra**

Diploma in Automobile engineering,  *June 2018*

## SKILLS

- DBT (Data Build Tool)
- Azure ADF (Azure Data Factory)
- Azure Synapse Analytics
- Azure Databricks
- Azure HDInsight
- Azure Functions
- Snowflake
- Power BI
- SQL
- Python with Pandas and NumPy

## CERTIFICATIONS

- Microsoft Certified: Azure Data Engineer Associate
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- AWS Certified Cloud Practitioner
- Academy Accreditation - Databricks Lakehouse Fundamentals
- dbt Fundamentals

## LEADERSHIP HONORS & AWARDS

- Kunal Dhanyakumar Kharade - LTI - Larsen & Toubro Infotech
  Nov 2022
  **GoMx Award**