

# Venkatraj Venkatesh

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## PROFESSIONAL SUMMARY

Detail-oriented and results-oriented Full Stack Developer with almost 2 years of experience in the industry at Accenture, with expertise in backend development, data engineering, and end-to-end deployment utilizing technologies like Java, Spring Boot, Oracle SQL, and IBM DataStage. Experienced in creating scalable APIs, optimizing ETL pipelines, and keeping database systems running in development, test, and production environments with high availability. Studying towards an MSc in Advanced Computer Science (AI) at the University of Leeds with a good background in Python, machine learning, and contemporary data processing frameworks. Experienced in working in collaborative Agile teams and producing production-ready solutions prioritizing the speed, resilience, and good architecture.

## WORK EXPERIENCE

### Data Engineering, Management & Governance Associate

10/2022 – 08/2024 | Chennai, India

Accenture

- Developed and implemented ETL business processes with IBM DataStage to streamline data extraction, transformation, and loading processes from disparate sources.
- Wrote Oracle SQL statements to clean, verify, and convert large data sets within standard data processing pipelines.
- Deployed builds and ETL jobs within Development, Test, and Production environments, maintaining version control and keeping downtime to a bare minimum.
- Cooperated with QA teams to ensure data pipelines were validated in the pre-production environment, and addressed data discrepancies or data performance problems.
- Kept data dictionaries, pipeline documentation, and job schedules up to date to meet governance and audit needs.
- Involved in frequent sprint iterations and made contributions towards the ongoing improvement of data intake, validation operations, and processes.

## ACADEMIC PROJECTS

### Analysis of Indian Food Delivery Services

10/2024 – 12/2024

• Unified four diverse datasets to analyse customer demographics, order trends, and restaurant performance. Delivered data-driven recommendations to optimize revenue and customer satisfaction for Swiggy and Zomato.

• Enabled data-driven insights through visualisation, highlighting regional and demographic trends in the food delivery market. Evaluated revenue patterns across meal types and top cities for leading food delivery services, providing recommendations to maximize growth.

## SKILLS

**Languages:** Java, Python, SQL

**Frameworks/Tools:** Spring, Spring Boot, IBM Data Stage, Pandas, NumPy, Scikit-Learn

**Databases:** SQL, Oracle PL/SQL

**Others:** Problem-solving, Machine Learning, Deep Learning

## EDUCATION

### Master of Science Advanced Computer Science(AI)

09/2024 – present | Leeds, United Kingdom

University of Leeds

### Bachelor of Engineering Computer Science and Engineering

08/2018 – 06/2022 | Chennai, India

St. Joseph's College of Engineering