

# Malav Naik – Résumé

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## Summary

About 10 years in data across India and Ireland: SQL Server and SSIS pipelines, Azure migration, analytics data models, and generative AI (RAG, knowledge graphs, LLM automation). MSc in Data Analytics from National College of Ireland.

## Experience

**Accenture**, Dublin – work for a global technology client

Platform integrity: analysing complex escalations with AI-assisted tools.

**S&P Global Market Intelligence** – Data Analyst & ETL Developer, 2019–2024

Built SSIS pipelines over multi-million-record financial datasets.

Designed data models for analytics.

Helped migrate on-premise SQL Server databases to Azure SQL Managed Instance, cutting infrastructure costs by about 25%.

**Bright Info Solutions**, Ahmedabad – Data & reporting

Pulled data with SQL, cleaned it in Excel and Python, and built weekly reports.

## Education

- **MSc in Data Analytics**, National College of Ireland, Dublin, 2024–2025. Thesis: *Enhanced Personalized Learning Experiences by Leveraging Knowledge Graphs and Prompt Engineering* (NCI repository).
- **Bachelor of Computer Applications**, Gujarat, India, 2015.

## Selected projects

- **SkillBot** – a skill-recommendation chatbot pairing a fine-tuned GPT-3.5 model with a 2.3-million-triple knowledge graph using retrieval-augmented generation.
- **More** on the projects page.

## Skills

SQL, SQL Server, SSIS, Azure SQL, Python, data modelling, Power BI, Excel, LLMs, RAG, knowledge graphs, prompt engineering, GitHub Actions.