

**KAVYA MANMOHAN**

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## PROFILE SUMMARY

Energetic and customer-focused individual with a passion for delivering fast and friendly service. Possessing excellent communication skills and a positive attitude, I thrive in a fast-paced environment. With a strong work ethic and a willingness to learn, I am eager to contribute to the success of the team while gaining valuable experience in the food service industry. Seeking part-time roles offering up to 20 hours per week during term time and 40 hours per week during vacations.

## TECHNICAL SKILLS

**Software Packages:** Proficient in IT Skills, Literacy Skills for Reporting and Documentation

## PERSONAL SKILLS

- **Analytical Skills:** Ability to analyse complex datasets and derive meaningful insights.
- **Problem-Solving Skills:** Capacity to tackle challenging data-related problems and devise innovative solutions.
- **Critical Thinking:** Ability to evaluate data critically, ensuring accuracy and reliability in analysis.
- **Attention to Detail:** Thoroughness in data analysis and interpretation, ensuring precision and completeness.

## EDUCATION

**MSc DATA SCIENCE** – *University of Hertfordshire, United Kingdom*

**Jan 2024-PRESENT**

**B.E COMPUTER SCIENCE AND ENGINEERING**– *T. John Institute of Technology, India* **Aug 2019-June 2023**

**Modules Studied:** Artificial Intelligence and Machine Learning, Internet of Things, Data Mining and Data Warehousing, Python, Java.

## PROFESSIONAL EXPERIENCE

**INTERNSHIP-ROOMAN TECHNOLOGIES, Bangalore, India**

**Jun 2023-Oct 2023**

- Applied object-oriented programming principles, including classes, objects, inheritance, polymorphism, encapsulation, and abstraction, to design and implement efficient and scalable software solutions.
- Demonstrated proficiency in programming fundamentals, including variables, data types, operators, expressions, control structures, functions, and exception handling.

**BESANT TECHNOLOGIES-Bangalore, India**

**May 2023-Oct 2023**

- Proficient in SQL fundamentals including basic queries, filtering, sorting, joins, subqueries, and aggregate functions.
- Experienced in data manipulation operations such as INSERT, UPDATE, DELETE, and transaction control.
- Skilled in data definition language (DDL) tasks including creating and altering tables, defining constraints, indexes, views, and sequences.
- Experienced in data modelling, including connecting to various data sources, transforming and cleansing data, and creating relationships between tables.
- Skilled in designing visually appealing and intuitive data visualizations such as charts, graphs, maps, and KPIs to effectively communicate insights.

## PROJECT EXPERIENCE

**Analysis of Women Safety in Indian cities using Machine Learning on Tweets:**

- Utilized machine learning techniques to analyse tweets discussing women's safety in Indian cities, extracting insights on prevalent issues, sentiments, and trends.

- Developed and trained machine learning models for sentiment analysis, topic modelling, and geographic information extraction from tweets, enabling comprehensive analysis of discussions on women's safety.

### **Airline Ticket Reservation System:**

- Designed and implemented a relational database schema using a Database Management System (DBMS) to efficiently store and manage airline, flight, passenger, and reservation data.
- Developed a user-friendly web interface with intuitive search and booking functionalities, enhancing the overall user experience and customer satisfaction.
- Integrated administrative features allowing airline staff to manage flight schedules, seat availability, and passenger reservations, contributing to streamlined operations.

### **CERTIFICATIONS COURSES**

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- Data Science Master Program, Data Analytics & Cloud Computing, Junior Software Developer.

### **JOURNAL PUBLICATIONS**

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- <https://www.irjet.net/archives/V10/i2/IRJET-V10I263.pdf>

### **LANGUAGES**

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- English
- Telugu
- Tamil
- Kannada
- Hindi