

SUTHA MATHI RAJAGOPAL SAMY

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SUMMARY

As a passionate and versatile data analysis student, I possess a comprehensive skill set that spans data analysis, front-end development, and back-end development. My expertise includes proficient use of tools and languages such as Python, java, SQL, HTML, CSS, and various data visualization libraries. With a strong foundation in statistical analysis, data cleaning, and data modeling, I excel in deriving meaningful insights from complex datasets. Additionally, my experience in creating intuitive and dynamic web applications ensures seamless user experiences. Eager to apply my knowledge and skills in a real-world setting, I am committed to contributing effectively to innovative projects and continuous learning in a dynamic work environment.

EDUCATION

MSc.,Data Analysis for Business intelligence

Graduating May 2025

University of Leicester,Leicester,UK

Relevant coursework: Fundamentals of SQL, database design,Front-end development using HTML, CSS, JavaScript

TECHNICAL SKILLS

Data Analysis and Visualization: Python,Power BI

Database Management Systems: Fundamentals of SQL, database design

Programming: Python, Java, SQL, HTML, CSS

ACADEMIC PROJECTS

IoT Based demand side Energy Management

March 2023- April 2023

Collaborated in a team of three to Designed and developed an innovative IoT-based Demand-Side Energy Management System that optimizes energy consumption in residential and commercial settings. The project focused on intelligently controlling and regulating energy usage to enhance efficiency and reduce costs.

- Implemented real-time data acquisition using IoT sensors to monitor energy consumption patterns and environmental variables.
- Developed a user-friendly web interface utilizing HTML, CSS, for remote energy monitoring and control.
- Integrated a relational database using SQL to store and manage historical energy usage data.

CERTIFICATIONS

- Java SE 8 Programmer certification by Oracle
- Python Certification in guvi
- Data Analytics and Visualization job simulation

INTERNSHIP

Data Analytics and Visualization job simulation in Accenture

september 18

I completed the Accenture North America Data Analytics and Visualization virtual experience program on Forage where I advised a hypothetical social media client as a Data Analyst. This involved cleaning modeling and analyzing multiple datasets to uncover content trends and provide strategic insights. Additionally I prepared a comprehensive PowerPoint deck and video presentation to effectively communicate key findings to the client and internal stakeholders. This hands-on experience enhanced my data analysis and visualization.

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

LANGUAGE

- English (Full Professional Proficiency)

- Tamil (Full Professional Proficiency)
- Telugu (Conversational)