

# SIDDH MEHTA

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## Summary

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Computer Science student specializing in AI-driven solutions, Data Science, and Scalable software engineering. Experienced in building high-performance backend systems, machine learning models, and research automation tools. Passionate about leveraging AI, NLP, and LLMs to enhance information retrieval and problem solving. Seeking a Data Science Internship to contribute to cutting-edge AI and data-driven projects. | [Linkedin profile](#) | [Github profile](#)

## Education

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**Vellore Institute of Technology | Vellore, TN**  
**Computer Science & Engineering , Data Science | 05/2026**

- 8.96 CGPA

**Indian School Al Wadi Al Kabir | Muscat, OM**  
**AISSCE (CBSE XII PCM) Computer Science | 05/2022**

- Graduated with 86.80%

## Experience

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**JIO FYND | Mumbai,MH**  
**AI/ML Intern | 05/2025 - Present**  
**Agentic AI System for Automated ML Forecasting** - Python, Pandas, Scikit-learn, XGBoost, LangGraph, LLM APIs (Groq)  
*Impetus Project*

- Built an Agentic AI framework that automates ML workflows on tabular data using LLM-powered agents.
- Designed dual specialist agents for classification and regression, enabling automatic target/feature selection, model recommendation, hyperparameter tuning, and advanced feature engineering.
- Developed comparative analysis and reporting pipelines to recommend optimal modeling approaches and deliver actionable insights to stakeholders.

**Acheron Software | TL, Hyderabad**  
**DS Intern / SWE Intern | 06/2024 - 01/2025**  
**Digital Asset Management Solution** – Java Spring Boot, REST API, Postman

- Designed and developed a high-performance Digital Asset Management (DAM) solution using Java Spring Boot & Spring MVC, enabling efficient data organization, retrieval, and sharing.
- Optimized secure data transfer protocols, increasing transfer completion rates by 85% and speed by 60%, ensuring seamless asset distribution.

**AI-Powered Search & Analytics** – SQL, Machine Learning, LLMs, Groq API

- Built a data analytics platform leveraging LLMs for predictive insights. Designed efficient SQL databases, enhancing data retrieval and management. Integrated ML models for automated reporting, improving decision-making accuracy and workflow efficiency.

## Project

**ResearchIT – Smart Research Paper Recommendation System | 02/2025 - 06/2025**  
**Tech Stack:** Python, FastAPI, Streamlit, Specter2 Vector Embeddings, LLMs, PostgreSQL, Google Cloud, arXiv Dataset

- Built ResearchIT, an AI-powered research paper recommender using Specter2 vector embeddings, Google Cloud & LLMs, improving paper search efficiency by 70% across 2.7 million+ arXiv papers. Integrated LLM-powered summarization, making complex research easier to understand and grasp for users
- Designed an intuitive Streamlit UI that provides real-time query exploration, AI-generated paper summaries, and key insights, making academic research easier to navigate and understand with easy follow us questions option on the particular paper.

## **SOFT SKILLS**

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Problem Solving, Critical Thinking , Leadership, Teamwork and Collaboration

## **CODING SKILLS**

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Data Structures, JavaScript, HTML, CSS, Java, Python, C++, C, Web Development, Bootstrap, ReactJS, Node.js, Java SpringBoot, Data Science, AI, Machine Learning, Data Analysis, TensorFlow, NLP, LangGraph, Deep Learning, Forecasting

## **COURSES & CERTIFICATIONS**

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Mastering Data Structures & Algorithms -Abdul Bari - Udemy, The Complete 2024 Web Development Bootcamp -Angela Yu - Udemy, Learn JAVA Programming -Beginner to Master-Abdul Bari -Udemy, Advanced Learning Algorithms - DeepLearning.AI , Andrew NG, Supervised Machine Learning: Regression and Classification, Data Science - IBM - Coursera

## **EXTRACURRICULAR**

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Cricket Achievements: Represented Oman U-19 National Team , in (ICC CWC Div II) & Oman U-16 National Team in (ACC WR), Ranked second-highest wicket-taker in ACC-WR U-16, University Cricket : Playing University-level since 2022