Alina Muskhan M I

*Chennai, TN, India*

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# Personal Profile

I am a driven and results-oriented final-year Computer Science Engineering student with a strong foundation in data science and analysis. Proficient in algorithms, statistical modeling, and data visualization, with a focus on expanding expertise in AI. Passionate about using data science to drive informed decision-making and organizational growth. Committed to continuous learning and solving technological challenges.

# Education

**Meenakshi College Of Engineering** *Chennai, TN, India*

BE in Computer Science and Engineering *2021 ‑ 2025*

* CGPA ‑ 7.6 (till Current Semester)
* **Courses:** Data Structures & Algorithms, Operating Systems, DBMS, AI & Machine Learning, Computer Networks, Software Engineering, Web Technologies, Cybersecurity, Cloud Computing, Neural Networks, IoT, Discrete Mathematics, Theory of Computation, Data Science, and Emerging AI Technologies.

**Doveton Girls Higher Secondary School** *Chennai, TN, India*

High School *2019 ‑ 2021*

* Completed the 12th standard with a strong academic record, achieving an overall percentage of 79.67.
* Focused on subjects such as Physics, Chemistry, Mathematics, Computer Science, etc. which laid the foundation for pursuing a B.E in Computer Science and Engineering.

**Doveton Girls Higher Secondary School** *Chennai, TN, India*

SSLC *2019*

* Completed the SSLC with a solid academic foundation, achieving an overall percentage of 68.6.
* Specialized in Mathematics, Science, English, Social Science, and Tamil, building a well‑rounded academic foundation.

# University Projects

**Electricity Bill Prediction** *Chennai,Tamil Nadu*

Meena College Of Engineering *Nov 2021 ‑ Dec 2021*

* Analyzed historical electricity data using demand, supply, weather, and economic indicators; applied ARIMA and LSTM for time series forecasting with feature engineering and Kaggle datasets to provide insights for energy optimization and investment planning.
* **Technical Skills:** Python, Pandas, NumPy, Scikit‑learn, ARIMA, LSTM, Time Series Forecasting, Data Preprocessing, Feature Engineering.
* **Soft Skills:** Analytical Thinking, Problem‑Solving, Time Management, Presentation Skills.

**Fuel Consumption Prediction Using Simple and Multi‑Linear Regression** *Chennai,Tamil Nadu*

Personal Project *Oct 2024*

* Analyzed fuel consumption data using simple and multi-linear regression to predict usage based on factors like engine size, weight, and other features, optimizing fuel efficiency across vehicles.
* **Technical Skills:** Python, Pandas, NumPy, Seaborn, Scikit‑learn, Data Preprocessing, Regression Analysis, Model Evaluation, Data Visualization.
* **Soft Skills:** Problem Solving, Analytical Thinking, Attention to Detail, Time Management.

# Skills

**Programming** Python (Pandas, NumPy, Matplotlib, Scikit‑learn. etc.), , C/C++, Java,MySQL(Data Base).

**Miscellaneous** Markdown, PowerBI, Excel and Adv. Excel, PowerPoint, Word, Github, Jupyter Notebook, Adobe Illustrator/ Figma/Canva/Photoshop.

**Soft Skills** Communication, Leadership, Presentation Skills,Time Management, Teamwork, Problem‑solving, Engaging Presentation.

# Interests

**Art** I’ve loved drawing since childhood and now focus on digital art, mainly on DeviantArt.

**Cooking** I love cooking. I am an expert in most Indian‑style cooking, enjoy baking and making my own pizza.

**Video Games** I always had the gaming gene. I mostly play on my phone and occasionally on my switch.

# Languages

**English** Professional proficiency **Tamil** Bilingual proficiency **Hindi** Bilingual proficiency **Urdu** Native proficiency