SUGANTHAN M

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Professional Summary

Enthusiastic Full Stack Developer with skills in Python, HTML, CSS, MySQL, Excel, and Power BI. Experienced in real-time projects through a Data Analyst internship at NLC India Ltd., contributing to data-driven insights and application development. Strong analytical mindset, fast learner, and dedicated to building efficient and impactful software solutions.

Education

B.Tech – Artificial Intelligence & Machine Learning	**2022 – 2026**
IFET College of Engineering	*CGPA: 8.2 / 10*

HSC – Computer Science	**2019 – 2021**
Atchaya Mandir Higher Secondary School	*Percentage: 79%*

Projects

IPL Match Winner Prediction using Machine Learning

– Developed a machine learning model to predict IPL match winners using historical match data and player statistics.
– Analyzed player performance and team trends to improve prediction accuracy and generate meaningful insights.

Audio Denoising using Machine Learning

– Built a system to remove noise from audio recordings and improve clarity using machine learning algorithms.
– Implemented audio preprocessing and feature extraction techniques to enhance overall model performance.

Conversational Image Recognition Chatbot

– Developed an intelligent chatbot capable of analyzing images and responding with meaningful insights through natural language conversations.
– Used image recognition techniques to detect objects, classify scenes, and extract visual details for user-friendly responses.
– Integrated conversational AI to enable interaction through both text and images, enhancing user engagement and accessibility.

Internship

Data Analyst Intern	**NLC India Ltd.**

– Performed data cleaning, analysis, and visualization using Python, Excel, and Tableau.
– Delivered insights to support operational understanding and management reporting.

Skills

Languages & Tools: Python, MySQL, HTML, CSS, Excel, Power BI, Git & GitHub
Machine Learning & Data Science: Pandas, NumPy, Scikit-learn, Statsmodels, Matplotlib, Seaborn
Core Areas: Web Development, Database Management, AI & Data Analytics

Certifications

- MySQL – Coursera (Meta Sponsored)
- Power BI – Coursera (Knowledge Accelerators Sponsored)

Areas of Interest

Artificial Intelligence, Machine Learning, Data Analytics, Full Stack Development