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### **CAREER OBJECTIVE:**

To obtain a challenging and responsible position in the field of Data Science / Machine Learning where my analytical, programming, and problem-solving skills will be effectively utilized.

### **ACADEMIC QUALIFICATION:**

**Hindusthan College of Engineering and Technology**

Coimbatore, Tamil Nadu

Bachelor of Engineering in Mechatronics

2021 - 2025

**Muvendar Matric Higher Secondary School**

Thanjavur, Tamil Nadu

Higher Secondary Certificate

2019 - 2021

### **IT PROFICIENCY:**

- Undergone Artificial Intelligence Engineer (AIE) Training at DataMites Institute, Chennai.
- Proficient in Python programming, SQL, Data Analysis, and Machine Learning workflows.
- Hands-on experience with Jupyter Notebook, MySQL, MongoDB, Power BI, and Scikit-learn.

### **PROJECT:**

#### **Mechanical and Machining Characteristics of Polymer Composites Sandwich Structure**

- Investigated the mechanical and machining properties of polymer composite sandwich structures to assess their strength, durability, and machinability.
- Gained insights into lightweight material design, applicable in aerospace, automotive, and structural engineering.

#### **Bots Combat**

- Participated in the Bots Combat event at Technoxian World Robotics Championship 2024, contributing to the design and operation of a competitive robotic system for combat scenarios.
- Showcased the project at Technoxian World Cup, building confidence in real-time competitive environments.

### **SKILLS:**

Programming Languages: Python, SQL

Data Analysis: NumPy, Pandas, Scikit-learn

Data Visualization: Matplotlib, Seaborn, Power BI

Databases: MySQL, MongoDB

Tools/Environments: Jupyter Notebook

Languages: Tamil, English

### **CERTIFICATION:**

- Pursuing Artificial Intelligence Engineer Certification at DataMites (Aug 2025 – Present)

**ACHIEVEMENTS:**

- Participated in Bots Combat challenge of Technoxian World Cup 2024.
- Winner of Rush in Dusk in SEVC 2024.
- Best Innovation winner in Formula Kart Racing Championship.

**DECLARATION:**

I hereby declare that all of the above information is true and to the best of my knowledge.