

# SANTHIYA S

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## EDUCATION

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### Karpagam College of Engineering (CGPA : 7.5)

B.Tech in Artificial Intelligence and Data Science

Coimbatore,TamilNadu SEP  
2023-JUNE 2027

### Swami matric Higher Secondary School (Percentage : 93)

Bio-Maths

Ariyalur,TamilNadu  
JUNE 2022-APR 2023

## PROJECTS

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### Demand Energy Prediction / ML

- A Demand Energy Prediction project aims to forecast future electricity consumption using historical usage data, weather conditions, and time-based factors.
- By applying machine learning models such as Linear Regression or LSTM, the system helps predict energy demand patterns. This supports energy providers in optimizing resource allocation, reducing waste.

### Language Learning Chatbot / Python

- Developed an AI-based language learning chatbot using NLP techniques to enable real-time conversational practice.
- Built using Python, NLTK/spaCy, and deployed via a simple web interface for interactive learning.

## CERTIFICATES

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- **Qlik Sense Business Analyst** / Qlik
- **Introduction To Internet of Things** / Nptel

## SKILLS

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- **Languages:** Python ,Java ,SQL ,HTML ,CSS
- **Developer Tools :** Git ,GitHub ,DVC ,Docker ,Jenkins ,Visual Studio , PostgreSQL, MySQL, Flask , Jupyter Notebook, Eclipse
- **Libraries :** Scikit-learn , Pandas , NumPy , Hibernate , Matplotlib , Keras

## EXTRACURRICULAR ACTIVITIES

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- Completed an internship with Codealpha in the domain of Machine Learning.
- Participated in a workshop on Madangi Art.