

## Personal Statement

I am a junior web developer and a Machine Learning enthusiast with a passion for creating impactful solutions through innovative technologies. Skilled in building responsive web applications and deploying machine learning models, I enjoy tackling challenges at the intersection of web development and data-driven insights.

## Education

Sri Ramakrishna Engineering College (SREC)  
Bachelor of Engineering (Computer Science)  
Currently Pursing 2023 - 2027  
Current CGPA : 7.85

## Skills

### Technical Skills :

Basic Programming Language :

PYTHON , C/C++, JAVA, JAVASCRIPT

FrameWork :

React.js, Flask, django, pandas, matplotlib, seaborn, numpy

### Soft Skills :

Active listening, Building and maintaining team, Analytical thinking, Motivating and inspiring others

# ASHWANTH SENTHILKUMAR



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## Projects :

### 1 Smart Energy Forecasting: Predicting Power Demand

The goal is to optimize energy demand forecasting, enhance efficiency, reduce costs, and support better energy management while preventing outages and redundancies

*Technology Used* : Python, JavaScript, Machine Learning Algorithm (XGBoost, ANN).

### 2 Text to Speech Website

Text-to-speech website in Python using libraries like pyttsx3 for offline processing. This tools convert text into natural-sounding speech, suitable for applications in accessibility, automation, and interactive systems.

*Technology Used* : HTML, CSS, JS, Python - pyttsx3

## Certifications :

Web Development program at Teachnook, in collaboration with Cognizance'24, IITRoorkee.

## Extracurricular Activities

IEEE Member (Student)

Event Management Team in FOSS Club