

## CAREER OBJECTIVE

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To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges.

## EDUCATION

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ATME College of Engineering, Mysore  
*Bachelor of Engineering, CSE data science*

**2022 - 2026**  
*CGPA – 7.02*

## PROJECTS

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### Multilingual AI Speech Recognition and Translation For Instant Communication

**Project Title:** Multilingual AI Speech Translation System

**Tools Used:** Python, Flask, Google Translate API, gTTS, SpeechRecognition, OpenCV

**Description:**

Developed a multilingual web application that accepts English input through text, live audio, audio file upload, or video upload and provides translated text and speech output in five South Indian languages — Tamil, Telugu, Kannada, Malayalam, and Tulu. Integrated speech-to-text (STT), translation, and text-to-speech (TTS) modules into a single seamless system using Flask as the backend framework.

### Forest Biodiversity Monitoring Using IoT Sensors

**Project Title:** Forest Biodiversity Monitoring Using IoT Sensors

**Type:** Mini Project

**Tools Used:** Arduino, IoT Sensors (Soil Moisture, Temperature, Gas), ThingSpeak, Python

**Description:**

Implemented an IoT-based environmental monitoring system to track key forest parameters such as soil moisture, temperature, and gas concentration. Enabled real-time data collection and analysis to identify ecological changes and detect potential threats like deforestation and climate change.

## SKILLS

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- **Languages:** Python, C, Java, JavaScript, HTML, CSS.
- **Tools:** VS Code, Git, GitHub, Jupyter notebook, Google colab
- **Libraries & Frameworks:** NumPy, Pandas, TensorFlow, Keras, ExpressJS, NodeJS, React, Scikit-learn, Stream lit, OpenCV, Tableau, Power BI
- **Databases:** MongoDB, MySQL.
- **Interpersonal:** Team management, Communication, Problem Solving.

## EXTRACURRICULAR

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- **Workshop** - Azure Developer-Microsoft,Bengaluru
- **Member** - IET On Campus,ATMECE