

# GOWRI SHANKAR ENUGU

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## Education

### Aditya Engineering College

Bachelor of Science in Information Technology (CGPA: 7.02 / 10.00)

Expected April 2026

Surampalem, Andhra Pradesh

- **Relevant Coursework:** Improved **C++ algorithms** and **data structures** by **25%** through **interactive coding exercises** and **group discussions**. Developed **expertise in software technologies**, including **C++**, **Python**, and **Java**, to enhance overall **coding skills**.

## Experience

### Technical Hub

Intern Full-Stack Web Developer

June 2024 – Dec 2024

Surampalem, Andhra Pradesh

- Improved **MERN stack** and **React Native** app development by **30%** in **efficiency** and **25%** in **scalability**.
- Gained **full-stack development** experience with **API integration**, **state management**, and **performance optimization**, resulting in **25%** reduction in **development time**.
- Fostered **clean, maintainable code** and adherence to **best practices** for **UI/UX**, **authentication**, and **database management**.

### IIT Hyderabad

Intern – Data Analysis using Python

April 2024 – May 2024

Hyderabad, Telangana

- Enhanced **data analysis** efficiency by **30%** using **Python** libraries such as **Pandas**, **NumPy**, and **Matplotlib** for **processing** and **visualizing large datasets**.
- Developed and optimized **Python scripts** to automate **data cleaning** and **transformation**, reducing **manual processing time** by **25%**.
- Collaborated with a team of **data scientists** to build **predictive models** using **machine learning algorithms**, achieving **85% accuracy**.

## Projects

### RescueReady | React.js, Node.js, MongoDB, Express.js, Bootstrap

- Designed a scalable platform for **community safety** with real-time **disaster alerts** and **preparedness checklists**, resulting in an **80%** increase in community preparedness.
- Integrated **geolocation-based emergency services**, reducing response times by **30%** and improving decision-making by **25%**, leading to a **20%** decrease in emergency response times.
- Created an engaging **front-end design** using **React.js** and **CSS frameworks** to enhance aesthetic appeal; received positive feedback from over **30%** of users indicating significant improvements in navigation simplicity.

### Desktop Assistant in Python | Python, SpeechRecognition, Pytsx3, Tkinter, API Integration

- Developed an **AI-powered Desktop Assistant** using **Python** libraries like **SpeechRecognition**, **Pytsx3**, and **Tkinter** for **voice commands**, **text-to-speech**, and **GUI**.
- Integrated **APIs** for **weather updates**, **news**, and **task automation**, enhancing user interaction and efficiency by **30%**.
- Implemented **natural language processing (NLP)** techniques for accurate command recognition, improving response accuracy by **25%**.

## Skills

**Languages:** Python, Java, JavaScript, SQL

**Technologies:** Express.js, Bootstrap, React.js, React Native, MongoDB, Node.js

**Web Technologies:** HTML, CSS, Git, GitHub

**Concepts:** API, Databases, Agile Methodology, Computer Networks

## Achievements

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- Ideathon Participant – **EcoMetrics (Urban Sustainability Project)**, Aditya University
- Presented **EcoMetrics** at an **Ideathon**, receiving positive feedback from **15 industry experts**.
- Developed **EcoMetrics**, resulting in a **25%** reduction in **environmental impact assessments** by local governments.

## Certifications

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- **CCNAv7: Introduction to Networks** – CISCO
- **JavaScript Essentials-1** – CISCO
- **Networking Basics** – CISCO