

# Masi Avinash

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## Academic Details

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### Gokaraju Rangaraju Institute of Technology and Science

*B.Tech in Artificial intelligence and Machine Learning*

2026

CGPA: 6.8

### Center of Excellence

*XII (Telangana State Board)*

2022

80.8%

### Bapuji High School, Jagathgiri gutta

*X (Telangana State Board)*

2020

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## Skills

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**Programming:** C, Python, MySQL, MongoDB, NodeJs, ReactJs, php, HTML, CSS Bootstrap, JavaScript (Proficient)

C++, Django (Familiar)

**Software:** Spreadsheet, LaTeX, Hadoop (Proficient)

Linux Ubuntu (Familiar)

**Other:** Data Structures and Algorithms, Problem Solving

## Projects

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**Music Recommendation System:** Machine learning model that suggests similar music based on user preferences.

**Sustainable Travel Plan:** Web application built with HTML, CSS, Django, and JavaScript for eco-friendly travel recommendations.

**Question Paper Generator:** API-driven tool that analyzes past exam papers to generate potential questions.

**Water Quality Prediction:** IoT-based system using ESP8266 and sensors, achieving 95.6% accuracy in water quality assessment.

**AI - based Landscape and Infrastructure Generator:** AI-driven system that automates building and infrastructure design by analyzing geographical and environmental data, ensuring efficiency, safety, and sustainability.

## Internships and Achievements

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**T-Work Technical Team (Volunteering):** Volunteered at a Maker Faire event with T Works, assisting in the setup and operation of innovative prototypes.

**Bharatversity Hackathon IIT Hyderabad:** Participated in the 12-hour Bharatversity Hackathon at IIT Hyderabad, developing a generative AI chatbot to streamline coding processes.

## Relevant Courses

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**Mathematics & Programming:** Intro to Programming, Matrix Theory, Probability, Algorithms

**Data Visualization:** Techniques for interactive and graphical data representation