

Vijapuram Harshavardhan

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Education

Madanapalle Institute of Technology and Science, Madanapalle, India

2022 – 2026

Bachelor of Technology in Computer Science and Engineering

CGPA: 9.24

Technical Skills

- **Languages:** Python, C, Java, HTML, JavaScript Postman, ThunderClient
- **Frameworks:** Django, Flask, FastAPI, ReactJS, • **Cloud/Platforms:** AWS, PythonAnywhere, Fire-
Bootstrap, HTMX base, Nginx, Gunicorn
- **Databases:** PostgreSQL, MySQL, MongoDB • **Others:** RESTful APIs, CI/CD Basics, Software De-
velopment
- **Software Tools:** Git, GitHub, Actions, VSCode,

Major Project

MIT-S-FLEX

Technologies: VSCode, PostgreSQL, Docker, Git, GitHub, PythonAnywhere

An advanced student performance tracking system used to monitor over 500 students. Tracks problem-solving, certifications, projects, and language proficiency to aid faculty in academic decision-making.

Relevant Technical Projects

EventSync

Python, Django, Docker, PostgreSQL, PythonAnywhere

Streamlined the registration process for Ashv events using automated QR pass generation and verification.

EcoGift: Sustainable Gifting Platform

Python, Django, AWS

Built a scalable backend system for eco-friendly e-commerce transactions and user management.

Carbon Compass

Python, Django, AWS

Developed a web app to quantify carbon footprints in Indian coal mines and explore neutrality pathways.

Certifications

- AWS Cloud Technical Essentials – AWS (Coursera)
- Introduction to Programming Using C – NPTEL
- Software Programming and Database Basics – IBM CS0151EN (edx)
- Programming with JavaScript, HTML and CSS – DUKE (Coursera)

Co-curricular Activities

Conference Publication:

“The Impact Analysis of Different Activation Functions on CNN-based Reduced OPF”

Presented at **2024 IEEE 11th Power India International Conference (PIICON)**, 2024

Link: <https://ieeexplore.ieee.org/document/10995028>

- Secretary – **MIT-S IEEE Student Branch, 2025-26**
- Coordinator – **MIT-S Web Club, AC 2024-25**
- SAARTHI – **NEP SAARTHI 2025**, University Grants Commission