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### **EDUCATION**

**Madanapalle Institute of Technology and Science** Madanapalle,Andhra Pradesh

## Computer Science and Engineering – Data Science ; CGPA: 8.26 **June 2022 - May 2026(Pursing)**

### **SKILLS SUMMARY**

* **Languages**: Python, SQL, JAVA ,HTML,CSS,Java Script
* **Libraries**: Pandas, Numpy, Scikit-Learn, Matplotlib,Seaborn
* **Frameworks**: React.js, Node.js
* **Tools**: Power BI, Excel, PowerPoint, Figma, Canva,Mongo DB
* **Platforms**: PyCharm, Jupyter Notebook, Visual Studio Code

### **WORK EXPERIENCE**

#### DATA ANALYTICS INTERN | Zidio Development January 24- March 24

* + Conducted data analysis on large datasets using Python libraries such as Pandas and Seaborn to extract business

intelligence.

* + Created interactive dashboards and visual reports in Power BI, enhancing data-driven decision-making.
  + Collaborated with cross-functional teams to improve reporting accuracy by 25% through data validation and trend analysis.
  + Automated ETL (Extract, Transform, Load) processes, minimizing manual intervention and boosting operational efficiency.
  + Delivered concise data reports highlighting key metrics, KPIs, and potential business opportunities to stakeholders.

**NETWORKING INTERN | Cisco Networking Academy**

* + Designed and configured basic network infrastructures using Cisco Packet Tracer, reinforcing core networking concepts.
  + Simulated real-world routing and switching environments to build hands-on experience in network troubleshooting.
  + Applied knowledge of IP addressing, subnetting, and TCP/IP protocols to solve practical networking scenarios.
  + Developed LAN/WAN topologies suitable for small business and educational environments.
  + Strengthened understanding of network security, OSI model, and network protocols through guided labs and case studies.

### **PROJECTS**

#### She Shield – AI-Powered Women’s Safety System | Team Project Aug 2024 - Oct 2024

* + Built an AI-driven safety solution for real-time surveillance of lone women, incorporating gender detection and gesture recognition for distress alerts.
  + Implemented person detection using computer vision to identify risk-prone areas and enhance safety analytics.
  + Designed a data dashboard to visualize gender distribution and incident hotspots, improving response strategies.
  + Collaborated within a 5-member cross-functional team, fostering teamwork and rapid prototyping for public safety innovation.

#### Wireless Sensor Networks for Smart Monitoring | Individual Project May 2024 – July 2024

* + Simulated Wireless Sensor Network (WSN) environments in Cisco Packet Tracer for real-time environmental data collection.
  + Designed energy-efficient and secure network topologies, focusing on data reliability and long-term sensor deployment.
  + Explored WSN applications in agriculture, healthcare, industrial automation, and smart city infrastructure.
  + Enhanced battery optimization techniques and improved sensor data accuracy to support sustainable monitoring systems.

### **CERTIFICATES**

#### Programming in Python (Hacker Rank) | [CERTIFICATE](https://www.hackerrank.com/certificates/6ec8bd044a25) March 2023

**Google Data Analytics Specialization(Coursera) |** [**CERTIFICATE**](https://www.coursera.org/account/accomplishments/professional-cert/F84JYP223VNF) **Dec 2024**

**AI/ML for Geodata Analysis Workshop(ISRO) |** [**CERTIFICATE**](https://drive.google.com/file/d/1Em7uHTTTjBc-7VSUJB4KHTiRnussljir/view?usp=sharing) **Aug 2024**

**Python Basics for Data Science |** [**CERTIFICATE**](https://drive.google.com/file/d/1M7gXAwW2lEsVK9isOHPzsSsaQr7jsZuj/view?usp=sharing) **Jan 2024**

### **Extra curricular ACTIVITIES**

* + Vice President, Data Science Dept., MITS; led student and technical initiatives.
  + Coordinated "D’Festa–25"; managed planning, promotion, and execution.
  + Organized tech event, "D’Festa–24"; encouraged peer innovation.
  + Committee Coordinator for Freshers Day & Ashv–2K25; supported event execution.
  + Student Coordinator, Mini Anveshana; led participant coordination and supervised project demonstrations.