

VEERENDRA NAMBULA

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🔗 [VeerendraNambula](https://github.com/VeerendraNambula)

Education

Vasireddy Venkatadri Institute of Technology

Nov 2021 – Apr 2025

B.Tech in Computer Science Engineering-Artificial Intelligence & Machine Learning

GPA : 7.3

Relevant Coursework

- Data Structures
- Database Management
- Artificial Intelligence
- Deep Learning
- Software Methodologies
- Computer Architecture
- Machine Learning
- NLP

Positions of Responsibility

Vasireddy Venkatadri Institute of Technology

Jun 2023 – Present

Public Relations Officer

Nambur, Andhra Pradesh

- Elected as **Social Media & Designing Council Head** in the Student Activity Council at VVIT, Nambur.
- Coordinated teams of 40 members in the coordination of Cultural Club events.
- Strategized and executed VVIT's annual cultural fest with a budget of **Rs 7 lakhs and over 1500 attendees**.
- Orchestrated all logistical aspects of film promotion activities at VVIT, resulting in zero delays on event days while increasing attendee engagement through well-organized schedules and resource allocation strategies.

IUCEE

Jan 2022 – Jun 2022

Project Team Lead

Hyderabad, Telangana

- Managed a pilot project for the **IUCEE NEP** First Year Scholar Mini Course, overseeing 8 webinars.
- Designed structured project documentation outlining critical milestones and task allocations to support effective team coordination during the pilot stage of an educational webinar initiative involving eight sessions.
- Fostered a collaborative environment by motivating team members to achieve organizational goals.

Projects

Object Detection in Low-Light Environments | *Python, YOLOv7, VS Code*

Jan 2024

- Engineered 95% accurate object detection in dark environments using **YOLOv7** and Python.
- Enhanced video surveillance response times by 30% with real-time low-light detection.
- Maintained 100% uptime through **Docker and cloud** infrastructure deployment.

Jarvis Voice Assistant | *Python, OpenAI API, Pycharm*

Nov 2023

- Pioneered AI virtual assistant using **OpenAI**, achieving 90% response accuracy.
- Integrated voice recognition and text-to-speech, boosting user engagement by 20%.
- Implemented personalized commands, enhancing user satisfaction by 30%.

PDF Summarizer and Query Resolver Chatbot | *Python, Pandas, Jupiter Notebook*

Mar 2023

- Designed AI PDF summarization tool achieving 85% summary accuracy.
- Built with **Streamlit and OpenAI GPT API**, generating responses under 2 seconds.
- Reduced document analysis time by 30% for professionals and students.

Skills

Programming Languages: C, HTML/CSS, JavaScript, Python, SQL

Developer Tools: GitHub, VS Code, Pycharm, Jupyter Notebook

Data Visualization Tools: Tableau, Power BI, Advanced Excel

Certifications

- AI for Everyone by **DeepLearning.AI**
- Business Intelligence by **Google**
- Certified Network Security Practitioner by **SecOps**
- Certified AI Associate by **Salesforce**
- UX Design Professional by **Google**