

# Vishnu Anand

- ✉ [vishnuanandchiraura@gmail.com](mailto:vishnuanandchiraura@gmail.com) / [in linkedin.com/in/vishnuanand75/](https://www.linkedin.com/in/vishnuanand75/)
- 🔗 [github.com/Vishnurockyedwards](https://github.com/Vishnurockyedwards)

## EDUCATION

### Manipal University Jaipur

Aug 2023 - Jun 2027 (Expected)

B.Tech in Artificial Intelligence and Machine Learning

CGPA: 9.2/10

Relevant Coursework: Object-Oriented Programming, Database, Machine Learning, Data Structures and Algorithms, Computer Organization, Statistics and Probability

## SKILLS

**Languages:** C, C++, Python, Java-Script

**Technologies & Tools:** NumPy, Pandas, VS Code, Git, GitHub, Jupyter Notebook **Domains & Expertise:** Natural Language Processing (NLP), Machine Learning (ML), Deep Learning, Data Analysis **Soft Skills:** Leadership, Team Collaboration, Problem-Solving, Time Management, Communication, Adaptability

## ROLES AND RESPONSIBILITIES

### Manipal University Jaipur (Jaipur, India)

Jan 2025 - Present

Research Assistant

- Contributed to the research on Big Five personality traits and researching on the relationship between personality traits and stress/anxiety in job.
- Assisted in developing and testing machine learning models to analyze data for AI-driven projects across various domains.
- Collaborated with faculty and students to identify and explore new AI applications in behavioral science and social impact.

## PROJECT WORK

- **Netflix Clone**
  - Developed a Netflix clone with user authentication, content browsing, and video streaming features..
  - Integrated dynamic content recommendations using collaborative filtering for personalized user experience.
  - **Technologies Used:** React, Firebase, TMDb API..
- **Sukoon Emotional Support Assistance**
  - Designed 'Sukoon', an emotional support system providing mental wellness resources and guidance..
  - Integrated chat-based interaction for users to express feelings and receive supportive responses.
  - **Technologies Used:** Python, Flask, NLP libraries.
- **AI-Based Personalized training assistant**
  - Designed an **AI-powered Personalized Training Assistant** to generate custom workout plans based on user profiles and fitness goals.
  - Implemented intelligent exercise recommendations using Gemini API, incorporating user inputs like age, weight, goals, and preferences.
  - Integrated calorie tracking and BMI analysis for dynamic fitness planning, supported by a health and nutrition dataset.
  - Enabled voice interaction for a hands-free coaching experience using Python speech recognition and text-to-speech libraries.
  - Technologies Used: Python, Flask, Gemini API, NLP libraries, SpeechRecognition, gTTS

## ACHIEVEMENTS

- **Dean's List:** Named to the Dean's List in the 2<sup>nd</sup> and 3<sup>rd</sup> semester for academic excellence.