

Anukul Tripathi

+91-9026915262 | anukul0317@gmail.com | [linkedin.com/in/anukul0317](https://www.linkedin.com/in/anukul0317) | github.com/Anukul0317

EDUCATION

Vellore Institute of Technology (VIT), Bhopal

B.Tech in Computer Science and Engineering (AI/ML) (CGPA: 8.74)

Bhopal, India

Aug 2022 – May 2026 (Expected)

Central Academy, Indira Nagar

Lucknow, India

Senior Secondary Education (Class 12) — Percentage: 91.4%

Mar 2019 – Mar 2021

Central Academy, Indira Nagar

Lucknow, India

Secondary Education (Class 10) — Percentage: 93%

Mar 2017 – Mar 2019

EXPERIENCE

Web Development Intern

Feb 2024 – Mar 2024

CodSoft

Remote

- Engineered a responsive web application using HTML5, CSS3, and JavaScript, reducing load time by 30%.
- Revamped UI/UX components, enhancing user engagement by 20%.
- Collaborated with a remote team to optimize workflow and improve development efficiency.

PROJECTS

Pet Health Management System — React, Leaflet, Python, AI, Flask, MySQL

Aug 2024 – Present

- Built a responsive frontend using React for seamless user experience.
- Integrated Leaflet for real-time pet tracking and geofencing.
- Developed dynamic UI components for medical records and reminders.
- Optimized performance with efficient state management and API calls.
- Collaborated with backend teams for smooth data synchronization.

AI Companion Chatbot — GPT-2, NLP, Python, Flask, TensorFlow

Feb 2024 – Mar 2024

- Developed a chatbot using GPT-2 for engaging conversations.
- Integrated sentiment analysis for emotion-aware responses.
- Implemented memory retention for better context handling.
- Fine-tuned deep learning models for improved coherence.
- Deployed on Flask with TensorFlow for scalability.

Pirate Rush — Python, Pygame, AI/ML, Game Physics

Aug 2023 – Oct 2023

- Created a 2D platformer with an interactive level editor.
- Implemented AI-driven enemy behaviors using FSM.
- Used procedural generation for dynamic level design.
- Optimized rendering, physics, and collision detection.
- Designed an intuitive UI for smooth gameplay.

ACHIEVEMENTS

Cleared Round 1 of TCS CodeVita Season 12 Worldwide.

HTML, CSS, and JavaScript Certification - Johns Hopkins University (Coursera).

NPTEL Certification - Privacy and Social Media.

TECHNICAL SKILLS

Languages: Python, C++, Java, JavaScript, SQL

Web Dev: HTML5, CSS3, JavaScript, React.js, Node.js

AI/ML: TensorFlow, PyTorch, OpenCV, NLP, Deep Learning

Tools: Git, Docker, Kubernetes, Linux, Bash Scripting

Cloud & DevOps: AWS, Google Cloud, CI/CD, Jenkins