ANIVARTHA UPADHYAYA

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EDUCATION

PES UNIVERSITY — *B.Tech in Computer Science*
AUG 2023 – JUN 2027

- CGPA: 7.6

POORNAPRAJNA COLLEGE(PPC)

- Percentage: 92.4

TECHNICAL SKILLS

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

- **Web:** HTML, CSS, JavaScript

- **Framework & lib :** flutter,react, node.js

- **Tools/Tech:** Git, VS Code, MongoDB, MySQL

- **Other:** Linux, Packet Tracer, VirtualBox

INTEREST

- Data Structures, Web Development, Cybersecurity, and AI Integration

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PROJECTS

Full Stack Development – College Interaction Portal

Summer Internship 2025

- Designed and developed a full-stack web portal for the CIE Department to streamline all aspects of student-faculty interaction.
- It included features such as user authentication, project management, lab component tracking, attendance monitoring, and internal communication tools.

Weather Monitoring System using NodeMCU

- Built a real-time monitoring system using DHT11, BMP280, and NodeMCU.

- Sent sensor data to a Windows laptop using UDP protocol.

StudyQuest – A Gamified Study Management App

- Designed an AI-powered study tracker that gamifies time management and productivity.

- Integrated OpenAI via Olama for intelligent task suggestions and feedback.

- Built using React Native for cross-platform UI and MongoDB for backend data handling**.**

Cisco Packet Tracking System

- Simulated 50+ end nodes and routers in Cisco Packet Tracer.

- Configured routing protocols and visualized packet paths.

Metro Network Management System — Console App | C | Oct 2024

- Simulated a metro network using data structures & algorithms (weighted graphs).

- Implemented route search, fare calculation, and shortest path between stations.

- Displayed station info, adjacent lines, terminal stations, and intersections.

Built a Spotify Clone using the MERN Stack

- Developed a full-stack music streaming web app with features like user auth, playlists, and audio playback.

- Used MongoDB, Express.js, React, and Node.js to replicate Spotify's core functionality with a sleek UI and responsive design.

Other Mentions

- To-Do Application (Flutter):
  Built a sleek, cross-platform to-do app using Flutter with dynamic task management and state handling.

- Captcha Bot Blocker (Python GUI):
  Designed a simple yet effective GUI-based CAPTCHA system to prevent bot access and ensure user verification.

Event Management Team – [PPC -STUDENTS COUNCIL]
Role: Team Member(later on head) / Coordinator (2021-2023)

- Managed logistics, coordinated with speakers, and handled on-ground operations.

PES UNIVERSITY AATMATRISHA TEAM

Role :organiser for sponsorship domain

ACHIEVEMENTS & POSITIONS

- Top 5 in DAA String Matching Hackathon – March 2025

- Top 3 in 24 hour hackathon " terrathon 3.0" – April 2024

- Volunteered for TechFest '24 – Event Operations