PRATHAM UPADHYAY

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2K22/EE/198   Portfolio | Github | Linkedin

EDUCATION

B.TECH(Electrical Engineering)	2022-2026	Delhi Technological University, New Delhi	8.16 GPA
AISSCE/CBSE (Class XII)	2021	Hansraj Smarak Sr. Sec. School, Delhi	93.0 %
AISCE/CBSE (Class X)	2019	Hansraj Smarak Sr. Sec. School, Delhi	89.0 %

ACADEMIC PROJECT

Portfolio Website — *Web App* | Pratham | Next.js | React.js | Tailwind | Vercel
- Designed and deployed a personal portfolio to showcase projects and achievements.
- Implemented dark mode, responsive UI, and optimized page speed for better user experience.

College Help — *Android App* | CollegeHelp | React-Native | Firebase | Expo
- Developed a student-centric app with a To-Do List, Timetable, Local File Drive, and Group Chat.
- Implemented in-app class reminders, task tracking, and chat with pears.

GenAI-Based Text Summarization — *Web App* | SummariseMe | Python, Flask, Transformers | Hack-AI-Thon
- Developed and implemented text summarization model using facebook/bart-large-cnn model.
- Generated concise summaries for different content types, enhancing information accessibility and reducing reading time by up to 50%.

Blogging Website — *Web App* | Blog | HTML/CSS, JavaScript, Firebase
- Created a full-stack blogging platform with robust user authentication and management features, using JavaScript and firebase, supporting seamless user interactions.
- Integrated comprehensive post management capabilities, allowing users to create, edit, and control the visibility of blog posts, leading to improved user engagement.

ACADEMIC ACHIEVEMENTS AND AWARDS

- **Hack-AI-Thon Finalist** - Selected in Top 10 finalist, receiving a Certificate of Excellence.
- **CodeChef Contest Rank #7** - IIT Madras Programming Contest.
- **IIT Madras PDS Program** - Completed foundation level program on Programming & Data Science.

TECHNICAL SKILLS

C++,C, Python, HTML, CSS, JavaScript, MATLAB	Firebase, Flask, React-Native, React, Next.js, Tailwind, Bootstrap, MySQL, OpenCv	Git, Linux, Docker, Android Studio, Wireshark

POSITIONS OF RESPONSIBILITY

- **Team Developer | EVRT, DTU** - Developed a Python-based GUI for an Electric Car Dashboard.
- **Web Executive | IEEE DTU** - Managed & updated the IEEE DTU website for events and student engagement by enhancing website functionality.

EXTRA-CURRICULAR ACTIVITIES

- Solved 300+ DSA problems across: Leetcode | Codechef | Codeforces.
- Participated in Bug Bounty Programs on HackerOne & Bugcrowd.
- Familiar with Web Security and Penetration testing tools, like BurpSuite, Nmap.

OPEN-SOURCE CONTRIBUTION

- VedAstro (Astrology Project) - Improved UI components and optimized backend.
- IEEEWeb2 (IEEE DTU Website) - Developed and maintained front-end structure.
- DB Drawer (Database Diagram Tool) - Contributed to database visualization tool, by fixing bugs.