PRAKASH DEBROY

College student, 2nd year

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EDUCATION

Kendriya Vidyalaya No1, Kunjaban.
2011 - 2023
science stream (pcm)

National Forensic Sciences University
2024 - present
B. Tech - M. Tech Computer Science (CyberSecurity.)

SKILLS

- **Frontend:** HTML, CSS, React

- **Programming:** Python, C, C++, JavaScript, SQL

- **Embedded Systems:** Arduino, Raspberry Pi, ESP32

- **Web3 Development:** Beginner in Ganache, OpenZeppelin, Solidity

MY HOBBY

- Photography
- Music
- Gaming
- Travelling

ABOUT ME

Joined Engineering due to my **trait** and **interest** in problem solving. **Computers** and **machines** always **facinated** me which has always given me the motivation to do more**.** I am fluent in **English**, **Hindi** and ofcourse **Bengali** as i come from a **Bengali** household.

ACHIEVEMENTS

- **Top 50 in India** – Ideate for India Competition **(2020)**

Organized by **NITI Aayog** in collaboration with Intel, recognized for innovative problem-solving and technological ideation at a national level.

- **National Participant – JNNSMEE** (Jawaharlal Nehru National Science, Mathematics, and Environment Exhibition) **(2019)**

Selected to represent School at a prestigious national-level exhibition organized by **NCERT**.

- **HACKIITK Participant (2025)**

Participated in Hack **IIT Kanpur**, got selected up to last round.

FEATURED PROJECTS

- **App Based ECG System:** Development of an application-based Electrocardiogram (**ECG**) system for health monitoring.

- **MetaFi:** A **decentralized** application (Meta-Fi) for sending and receiving cryptocurrency, integrated with **MetaMask**. Features a beautiful **UI** and displays the last **transaction hash**.

- **AI Voice Assistant:** A sophisticated **Python**-based voice assistant integrated with **Gemini**. It leverages various modules for speech recognition, text-to-speech (**pyttsx3**), web browsing, music playback (**Spotify**), information retrieval (**Wikipedia**), and system interactions.