

# Himadri Dey

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## EDUCATION

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### Netaji Subhash Engineering College

*Bachelor of Technology in Information Technology*

- GPA – 8.94
- Current Year – 4th Year

New Garia, Kolkata

September 2022 – June 2026

### Apeejay School

*Central Board of Secondary Education*

- AISSE – 95%
- AISSCE – 95 %

Park Street, Kolkata

Aug. 2008 – May 2022

## INTERNSHIPS

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### Vigovia / FullStack Developer Intern

- Assisted in cross-browser compatibility and mobile responsiveness of the web application
- Assisted in building RESTful APIs using Node.js / Express.js.
- Worked with database operations — creating, reading, updating, and deleting (CRUD) data using MongoDB / MySQL

## PROJECTS

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### Ortery Web App / Html, CSS, Three.js, Express.js, Node.js, MongoDB

- Developed a Three-Dimensional solar system model displaying Near-Earth objects using Three.js and Vanilla.js
- Implemented Node.js to fetch data from NASA specified APIs
- Implemented user data authorization and individual data of NEOs, planets and NECs using MongoDB
- Project URL : [NASA Space Apps Project](#)

### Citizen's Advocate / Tailwind CSS, React.js, Express.js, Node.js, MongoDB, Multer, Gemini API

- Built a fully responsive SPA using React.js and Tailwind CSS.
- Designed RESTful API endpoints for complaint submission, status updates, and admin controls.
- Handled secure data flow and API middleware using Express.js and Mongoose for MongoDB interactions.
- Enabled citizens to attach documents, voice messages, and images with complaints via Multer.
- Project URL- [Citizen's Adocate](#)

### Agentic AI Retail Media Creative Builder / Tailwind CSS, React.js, FastAPI, MongoDB, LLMs

- Built a responsive React.js dashboard with Tailwind CSS to manage AI-driven retail media creative generation workflows.
- Integrated FastAPI REST APIs to orchestrate multi-agent AI pipelines and receive real-time compliance and generation updates.
- Managed frontend state for agent execution, compliance validation, and multi-format creative outputs.
- Project URL- [Agentic AI Retail Media Creative Builder](#)

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Java

**Frameworks:** Vue.js, Node.js, MongoDB, Next.js, Express.js, Django, FastAPI, SpringBoot **Developer Tools:** Git, Docker, Firebase, Xampp, Google Cloud Platform, VS Code, Python IDLE, IntelliJ, **Libraries:** React

**Concepts:** Data Structures & Algorithms, Distributed Systems, System Design

## Achievements

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- Winner of Local Event of NASA SpaceApps Challenge 2025 and a Global Top 150 Nominee
- Hult Prize OnCampus Runner Up 2025
- Smart India Hackathon Internal Round Winner 2025