

# NANDINI PANDEY

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🌐 [Portfolio](#)

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## OVERVIEW

4x Hackathon winner with expertise in AI, IOT, Blockchain, and Full-Stack development; 3× MUN awardee.

## EDUCATION

Pursuing B.Tech in CSE, Dr. B.C. Roy Engineering College, Durgapur.

## SKILLS

**Languages & Web** C/C++, JS/TS, Python, Solidity, Java, React.js, Next.js, Node.js, Tailwind  
**AI/Blockchain/CS** Tensorflow, Keras, OpenCV, NLP, TinyML, ZKPs IPFS, Ethereum, DSA, OOPs, DBMS, OS

## WORK EXPERIENCE

**Web Developer** Nov 2024 – Present  
Agra Express, New Delhi

- Developed and deployed the official booking website, increasing user retention through optimized UI/UX.
- Integrated payment systems and booking logic, leading to a 250% surge in bookings in one month.
- Reduced page load time by 40%, enhancing overall customer experience.

**Student Ambassador** Oct 2024 – Present  
Alephium India, Remote

- Conducted workshops and outreach campaigns to grow developer interest in Web3 and Alephium's ecosystem.

**AI/ML Intern** Aug 2023 – Sep 2023  
Istop.AI, Remote

- Built face detection systems using OpenCV and improved model accuracy by 30%.
- Reduced false positives by 20% through enhanced preprocessing and augmentation.

## PROJECTS

**Sugarcane Disease Detection** (GitHub)  
CNN-based ensemble deep learning model using TensorFlow/Keras to classify sugarcane leaf diseases.

**Nyvex** (Live)  
Decentralized startup funding platform using NFT-based investment proof and cross-chain SIPs.  
*1st Runner-Up at Aarohan, NIT Durgapur.*

**VedVaani** (Live)  
AI-powered Hindu wisdom QA app with multilingual support, journaling, and LLM-based search.

**CredVault** (GitHub)  
ZKP-based credential verification using AI for authentication and dNFTs for privacy-preserving credential storage.

## ACHIEVEMENTS

- Global Rank 213 / 75,000+ in CodeChef SnackDown — Top 0.3%.
- Winner, Best Build on Avalanche @ Hack4Bengal 3.0, Deco.cx - HTMX Edition
- Finalist, Frosthacks 1 (Academy of Technology), TechGig Code Gladiators 2024, Myntra WeForShe 2023
- 2<sup>nd</sup> place, Wildlife Track @Statuscode 1 (IIIT Kalyani)
- Rank 1, DevSculpt (Institute-Level Hackathon).

## LEADERSHIP & PUBLICATIONS

- Core Team, Hack4Bengal 4.0 — Leading web team for Eastern India's largest hackathon. (Live)
- Mentor, GSSoC 2024 — Reviewed PRs, guided contributors in open source development.
- Publication: "An Intelligent Disaster Management System", ISAAC 2025 (Paper ID: ISACC2025-894) - A framework using AI and IoT for real time disaster prediction and optimized emergency response.