

# NANDINI PANDEY

9933506086 ♦ Durgapur, India

✉ [ajayapandey2404@gmail.com](mailto:ajayapandey2404@gmail.com)

🌐 [Portfolio](#)

in [LinkedIn](#)

🐙 [Github](#)

## 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, PHP, Python, Java, Wordpress, React.js, Next.js, Node.js, Tailwind
AI/Blockchain/CS	Tensorflow, OpenCV, NLP, TinyML, Solidity, ZKPs, IPFS, Ethereum, DSA, OOPs, DBMS, OS

## WORK EXPERIENCE

**Web Developer** Jun 2025 – Present

Codequeue, Mumbai | Remote

- Contributing to scalable MERN features for a mentorship platform making guidance accessible & personal .
- Integrating REST APIs to enhance platform functionality while collaborating in a remote team.

**Data Science Intern** Jun 2025 – Present

Celebal Technologies, Jaipur | Remote

- Creating ML models with 80% accuracy on large datasets to solve real business problems.
- Automated data preprocessing reducing manual effort and accelarting project delivery.

**Research Intern** May 2025 – Present

NIT Durgapur | AI4ICPS IHub, IIT Kharagpur | On-site

- Developed an Edge AI system for air and noise pollution with 90%+ accuracy and real-time alerts.
- Improved BLE communication protocols, cutting data transfer delays by 30% for multi-sensor setups.

## 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.