ASHUTOSH JAISWAL

📞 +91 9129093900 ✉ ashutosh22102@iiitnr.edu.in 💼 LinkedIn ⚙ Github

Education

International Institute of Informational Technology - Naya Raipur **2022 - 2026**
B.Tech in Data Science & Artificial Intelligence

Projects

Study-Simplify — *Python, Flask, Assembly AI, JavaScript, OOP* **Source Code**

- Built an educational platform to assist students with summarization and transcription of lecture notes using **Flask** and **Assembly AI**.
- Enabled users to manage study resources effectively, improving information retention and learning efficiency.

Crossword Puzzle Generator — *AI Algorithms, OpenAI, Flask, Python, OOP* **Source Code**

- Designed an automated crossword puzzle generator using **Python** and **OpenAI** for NLP, allowing users to create custom puzzles.
- Implemented word selection algorithms that generated puzzles with accurate difficulty scaling and user-defined themes.

Blockchain Voting System — *Solidity, Hardhat, React, Ethers.js, IPFS, MetaMask* **Source Code**

- Built a decentralized voting platform with **Solidity** and **React**, enabling secure, member-only, tamper-proof elections.
- Used **IPFS** for immutable metadata storage and integrated **MetaMask** for authentication and real-time vote tracking.
- Implemented role-based access, duplicate-vote prevention, and emitted events for seamless frontend updates via **Ethers.js**.

IIITNR-App — *Flutter, Dart, Firebase, OOP, Figma* **Source Code**

- Built a cross-platform IIIT-NR app using **Flutter** and **Firebase** for gatepass, forms, and student buy/sell services.
- Designed clean UI in **Figma**, applied OOP principles, and integrated real-time notifications and request tracking.

Swift Guess — *Flutter, Firebase, Dart* **Source Code**

- Released a guessing game on **Android**, **Web**, and **Windows** with dynamic difficulty levels, hint system, scoring, and UI inspired by aesthetics.
- Integrated **Firebase** for real-time word/hint fetching, and added features like animated feedback, heart-based lives, and persistent local high scores.

Technical Skills

Languages: C/C++, Python, Dart, JavaScript, Solidity, HTML, CSS
Frontend: React, Flutter, HTML, CSS
Backend: Django, Flask, Firebase, Hardhat
Tools & Platforms: Git, GitHub, SQL, Docker, AWS, Firebase, Twilio
Technical Skills: Data Structures & Algorithms, App Development, Web Development, Machine Learning
Soft Skills: Problem Solving, Public Speaking, Leadership

Position of Responsibilities

Training and Placement Cell **March 2024 – Present**
Junior Placement Coordinator

- Organized and coordinated campus recruitment drives, ensuring smooth operations and efficient communication.
- Collaborated with companies to align their hiring needs with student profiles, facilitating successful placements.

The Society of Coders **Dec. 2022 – Present**
Vice Secretary

- Developed coding challenges and hackathons that emphasized problem-solving and innovative thinking.
- Served as a mentor for freshmen students and conducted sessions for junior batches.

Extra Curricular

- Selected as a mentor for **Data Structures and Algorithms**, guiding **30 shortlisted students** in my junior batch.
- Led the organizing team of **Hack-a-Sol 3.0**, IIIT-NR's pan-India hackathon, managing a team of **50 members**.
- Involved in multiple college activities, including organizing **Model United Nations (MUNs)**, managed Operations at **E-Cell**, coding events, and leading a **state-level pitching event**.