

Ashish Karmakar

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EXPERIENCE & HACKATHONS

Global GenAI Hackathon

3rd Prize Winner | Project: FlowDo

- Developed **FlowDo**, leveraging Generative AI to parse complex materials and automatically generate structured, digestible learning roadmaps for users.

Innovacon Hackathon

Participant | Project: LabourConnect

- Engineered **LabourConnect**, a reliable platform bridging customers and skilled laborers with an intuitive user interface and robust backend.

Binary Hackathon

Participant

- Collaborated in a fast-paced team environment to rapidly prototype and deploy software solutions under strict time constraints.

PROJECTS

CODEXA

- Developed an AI code auditing platform with dual-mode LLM support (local **Ollama** or cloud APIs) for automated bug detection and secure architectural review.

Chatapp

- Built a responsive, minimal real-time messaging application utilizing **WebSockets** for low-latency communication and smooth UX.

Melo

- Created a Spotify-inspired web app that imports YouTube links to extract audio and seamlessly manage customized user playlists.

EDUCATION

JIS College of Engineering

Kalyani, Nadia

Bachelor of Technology (Currently in 2nd Year)

- Relevant Coursework:** Data Structures, Algorithms, Computer Organization and Architecture, Database Management

SKILLS

Languages : C, C++, JavaScript, TypeScript, SQL

Frontend : React.js, Next.js, Tailwind CSS, HTML/CSS

Backend & Core : Node.js, Express.js, PostgreSQL, MongoDB, System Design Architecture

Tools & Infrastructure : Docker, Apache Kafka, Redis, Git, GitHub, Linux (Arch Linux)