Aditya Singh

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EDUCATION

Asansol Engineering College   2023 – 2027
Bachelor of Technology in Information Technology   *Asansol, West Bengal*

EXPERIENCE

LFX Mentee @ Magma Core   July 2025 – Present
The Linux Foundation   *Remote*
- Selected for a competitive open-source mentorship under The Linux Foundation to contribute to the Magma Core project, an open-source mobile packet core platform.
- Currently onboarding and preparing contributions involving debugging, DevOps, CI, and open-source.
- Collaborating with experienced open-source maintainers and engineers in a structured development workflow.

Full Stack Developer Intern   July 2025 – Present
Cromtek Solutions   *Remote*
- Developed and deployed multi-chain smart contracts for a metaverse gaming token; handled complete frontend and backend integration.
- Built a full-stack dApp for token management, including wallet integration, Web3 interactions, and responsive UI from scratch.

Developer Advocate   June 2025 – Present
Hackquest   *Remote*
- Develop and showcase full-stack dApps and integration examples to demonstrate platform capabilities and streamline the developer onboarding process.
- Deliver technical workshops and engage with global developer communities to gather feedback, resolve pain points, and advocate for best practices in decentralized development.

PROJECTS

NFT-AgeX | Solidity, Node.js, Express, MongoDB, React, Ethers.js   GitHub | Live Site
- Traders lacked an automated, analytics-driven NFT trading platform to act on on-chain and social signals in real time.
- Built live-tracking pipeline with OpenSea & NFTGo APIs, validated data via real-time Twitter and Telegram feeds, and automated NFT trades through an AI-driven agent.
- Deployed a fully functional AI-powered NFT trading agent, empowering users with auto-trading, whale-tracking, sentiment analysis, and strategy simulation

RaktConnect | MongoDB, Express.js, React.js, Node.js, Python   GitHub | Live Site
- Disparate hospital, donor, and patient workflows delayed blood availability and raised risk in critical cases.
- Designed and built a platform with AI demand forecasting, real-time inventory dashboards, donor profiles, and automated donor–patient matching.
- Open-sourced the project, driving 40+ stars, forks, and community pull requests.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C, C++, Solidity, Move
Technologies & Frameworks: React, Node.js, Express.js, Hardhat, Ethers.js, Web3.js, MongoDB, Firebase, Supabase, Three.js, GSAP
Developer Tools: Git, GitHub, Vercel

ACHIEVEMENTS

- Top 6 at HexaFalls hackathon from 90+ teams held at JIS Kolkata.
- Received Special Mention from Jury at Hacktropica 2025 (Asansol's first hackathon).
- Ranked Top 20 out of 135 teams in the finals of AIgnite 2025 Hackathon.
- Published a research paper titled "Enhanced Lung Cancer Detection Using Machine Learning" at the National Conference on Communication, Computing and IoT (NCCCI 2025).