

Yug Agarwal

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EDUCATION

The LNM Institute of Information Technology, Jaipur, India

2022 - 2026

B. Tech. in Computer Science and Engineering

TECHNICAL SKILLS

Languages: Solidity, JavaScript, C, C++, Java, HTML, CSS, TypeScript, Rust

Technologies & Frameworks: Foundry, IPFS, Viem + Wagmi, Remix, Hardhat, Blockchain, Smart Contracts, NFTs, L1/L2 Solutions, React.js, Node.js, Express.js, MongoDB, Next.js, TailwindCSS

EXPERIENCES

io.net Intern Astronaut: Dev Ambassador

Aug 2025 - Present

- Organize and support university hackathons to promote GPU utilization, while building diverse dApps on io.net's technology to showcase its possibilities and help developers explore its full potential.

ACHIEVEMENTS

ETH-Global New Delhi 2025 Winner

[Link](#)

- Secured 2nd position on track "Most Killer App" by Flow blockchain through the project, "**PyPI**".

ETH-Global Cannes 2025 Winner

[Link](#)

- Won the track "Most innovative use of OG ecosystem" by OG-Labs through the project, "**Warriors AI-rena**".

Cooking in the TEE Kitchen Winner

[Link](#)

- Hacked solo and secured 1st place in this hackathon by TEN Blockchain through the project "**Kinora**". 10 participants were selected globally among thousands of applicants to code dApps on live streams.
- As part of the reward, I was offered a position in "Zero to TEN Incubation Program", by TEN blockchain (\$100K support).

PL Genesis: Modular Worlds Hackathon Winner

[Link](#)

- Secured 2nd place in NEAR Protocol's "The Agentic Internet and Building AI-led Web3 Experiences" track with project, "**RANN**", in PL Genesis, the Global Hackathon hosted by Protocol Labs.

Build onchain AI dapps with OG's Modular L1 - Buildathon Winner

[Link](#)

- Won grant in a Wave of the 'Build Onchain AI Dapps with OG's Modular L1' Buildathon (WaveHack by OG).

PROJECTS

PyPI | Stablecoins, Dutch Auction, On/Off-Ramp

[Github](#) / [Demo](#)

- Decentralized bridge converting stablecoins to INR via UPI payments using Dutch auction pricing with an average time of 20s.

Kinora | Solidity, TEE, AI

[Github](#) / [Demo](#) [Videos](#) / [Website](#)

- This platform allows users to tokenize themselves by minting and maintaining their own AI-backed confidential persona NFTs.
- These transferable assets fully personify their original minters and enable their holders to interact with them.

Warriors AI-rena / RANN | AI Agents, VRF

[Github](#) / [Demo](#) [Video](#) / [Website](#)

- An on-chain PvP battle game inspired by Pokémon, where players mint warrior NFTs of any character, using personality traits as metadata so that AI agents can personify these warriors in battles, with players betting on outcomes for profit.
- RANN:** An extension of Warriors AI-rena featuring a Training Center, NFT Marketplace, and on-chain Leaderboard.

CLAMM-DEX-Engine | Solidity, Foundry

[Github](#)

- It is a CLAMM - Concentrated Liquidity Automated Market Maker Decentralized Engine similar to Uniswap v3, built from scratch, enabling liquidity providers to generate up to 400% more interest when compared to traditional AMM-DEX.

Crypto-Fiat Gateway | Solidity, Foundry, Inco, Chainlink Oracle

[Github](#) / [Demo](#) [Video](#)

- A crypto-fiat gateway that stores the KYC-data on chain by leveraging Inco's FHE encryption giving the decryption rights to the admin and user, not only aligning with state laws and regulations but also maintaining decentralization.

OptionAMM | Solidity, Foundry, Chainlink Oracle

[Github](#) / [Demo](#) [Video](#) / [Website](#)

- It allows users to create and trade both call and put options with customizable parameters such as strike price, lot size, premium, and expiry. The maximum loss a user may incur is limited to the premium paid, while potential profit is unlimited.

POSITIONS OF RESPONSIBILITY

Tech Fest Head - Plinth 2025

2024 - 2025

- Led a team of 150+ members across 10+ domains to secure and manage a budget of INR 30L+ and execute the LNMIIT's annual techno-management fest, featuring tech talks, workshops, seminars, and LNM Hacks, LNMIIT's flagship Web3 hackathon.