

# YAGNESH MARKANA

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## Brief Summary

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Blockchain developer with experience in building decentralized applications (dApps), AI-driven solutions, and smart contracts. Proficient in React, Next.js, Solidity, and integrating blockchain technologies like Ethers.js and WalletConnect. Actively participated in hackathons, focusing on Web3, DeFi, and AI innovations.

## Education

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### The LNM Institute of Information Technology

2021 - 2025

Bachelor of Engineering (B. E.) in Electronics and Communication Engineering

Jaipur, Rajasthan

## Accomplishments

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### Winner – ETHGlobal's Agentic Ethereum (1710 hackers, 518 projects, 10 finalists, 94 countries)

Clash of Clout: AI-Powered Meme and Engagement Platform — *Gaia/Collab.land Track and Flow Track (\$3,500 Prize)*

### 1st Place – ETHGlobal's ETH Taipei 2025 (530 hackers, 226 projects, 8 finalists, 43 countries)

AgentActs.eth: Decentralized AI Agents Builder — *1inch Fusion+ Integration Track (Prize won \$4,000)*

## Projects

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### AgentActs.eth – Decentralized AI Agent Builder | [Project Showcase](#)

- 1st Place Winner in 1inch Fusion+ Track at ETHGlobal Taipei, among **226 projects**.
- Developed platform enabling users to deploy decentralized AI agents; onboarded **50+ test agents** across 4 integrated MCPs.
- Integrated MCPs: **Twitter** (social data), **1inch** (DeFi automation), **Google Maps**, and **Hyperbrowser**.
- Built partner integrations with **Polygon**, **ENS**, and a **Dockerized Python backend**.
- Pay-per-use model supports **token-gated access** and promotes creator revenue from agent usage.

### Clash of Clout – AI Meme Battle Platform | [Project Showcase](#)

- Launched during ETHGlobal Agentic Hackathon; attracted over **500+ meme interactions** and **100+ user votes** in 36 hours.
- Gamified platform where AI-generated memes meet crypto trends, enabling users to stake, vote, and earn rewards.
- Integrated real-time engagement from **Twitter and Discord**, and generated meme templates using **GAIA nodes**.
- Built on Flow blockchain with reward distribution: **70% to creators, 20% stakers, 10% platform**.
- Tech Stack: Next.js, TypeScript, Flow Testnet, Express, Collab.Land AI-Agent-Kit, GAIANET, Twitter API.

### HireFree – Decentralized Freelance Collaboration Platform | [Source Code](#)

- Streamlined freelance payments for small teams; demo tracked **3 milestone-based collaborations** totaling \$1,500 in simulated invoices.
- **Milestone-Based Payments**: Automates invoice generation and payments with Request Network.
- **Blockchain-Verified Profiles**: Immutable, tamper-proof portfolios.
- **Real-Time Notifications**: Delivered via XMTP + Converse app integration.
- **Smart Contract Tracking**: Ensures transparent, dispute-free workflows and fund release.

## Technical Skills

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**Languages**: TypeScript, JavaScript, Solidity, HTML, CSS

**Frameworks / Libraries**: React.js, Next.js, Redux, Node.js, Express.js, Tailwind CSS, Socket.io

**Blockchain / Web3**: Ethers.js, Hardhat, WalletConnect, XMTP, Scaffold-ETH 2, Flow Blockchain, Polygon, Request Network, ENS, Tableland, 1inch Fusion+, Collab.Land, GAIA Network, wagmi, MongoDB

**Tools / DevOps**: Git/GitHub, Docker, Postman

**Security / Auditing**: Completed CTFs including Ethernaut (OpenZeppelin), conducted smart contract audits; wrote unit and integration tests.

## Extracurricular

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Engaged with CWPH, the social welfare club at LNMIIT.

Played cricket and football for the college team in intercollegiate tournaments.