

# YAGNESH MARKANA

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## Education

**The LNM Institute of Information Technology**

**2021 - 2025**

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

*Jaipur, Rajasthan*

## Accomplishments

**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)*

## Experience

**Smart Contract Developer**

**Nov 2025 – May 2025**

*Kosher Capital, Germany*

*Remote*

- Built smart contracts for an **AI-managed investment fund Launchpad** to securely manage user contributions and fund access.
- Developed **upgradeable staking contracts** for token-based participation.
- Implemented **factory-pattern contracts** for scalable investment fund deployment.
- Ensure security and efficiency with rigorous testing and best practices.

## Projects

**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

**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.