

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

Feb 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.

Full-Stack Engineer

Nov 2024 – Jan2025

FastBet

Remote

- Built smart contracts for a **Sports betting platform** to manage escrow, payouts, and provably fair game logic.
- Developed backend services with **Node.js** and **PostgreSQL** to handle bet resolution, user management, and on-chain transaction tracking.

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.