

# NEHA KUMARI

Full Stack Developer | Web3 & Smart Contract | Open-Source Contributor

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## PROFESSIONAL SUMMARY

Full Stack Web3 Developer with 2+ years of hands-on experience building decentralized applications, smart contracts, and scalable frontend/backend systems. Proven contributor to Protocol Labs open-source ecosystem (Libp2p, Storacha, IPFS), with production-grade DeFi and NFT projects shipped. Proficient in React, Next.js, Node.js, Solidity, ethers.js, and wallet integrations (MetaMask). Passionate about building the future of decentralized technology — experienced remote collaborator.

## TECHNICAL SKILLS

**Web3 / Blockchain:** Ethereum, Solidity (Smart Contracts), ethers.js, wagmi, MetaMask / Wallet Integration, IPFS, Storacha, UCAN Authorization, DeFi, MEV-shielding, NFT Infrastructure, Base Sepolia, VRF

**Frontend:** React.js, Next.js 13+, TypeScript (ES6+), Tailwind CSS, Framer Motion, React Three Fiber, Three.js, Bootstrap, SSR / CSR / Hybrid Rendering, Responsive Design

**Backend & APIs:** Node.js, Express, FastAPI (Python), RESTful APIs, Microservices, WebSockets, PostgreSQL, MongoDB, Firebase, ChromaDB

**AI / LLM Integration:** LLM integration, Agentic system design, MCP client-server architecture, Ollama (local LLMs), OpenRouter, ElizaOS Agents, Whisper, Tensorflow face-api

**Tools & DevOps:** Git, GitHub, Docker, Vercel, Libp2p, VS Code, Linux, Postman, Python (scripting & AI)

## EXPERIENCE

### Open-Source Contributor — Protocol Labs Dev Guild | Remote

Jan 2025 – Mar 2026 [Libp2p](#) · [Storacha](#) · [IPFS Ecosystem](#)

- ▶ Led frontend contributions across Libp2p, Storacha, and IPFS open-source repos, enhancing connectivity UX, onboarding flows, and developer documentation.
- ▶ Built MCP-integrated and LLM-powered agentic solutions on top of Libp2p and Storacha protocols, bridging decentralized storage with AI-driven tooling.
- ▶ Reviewed pull requests and co-authored contributor guides; proposed and implemented UI/UX improvements for Web3 developer tooling used by global contributors.
- ▶ Delivered the "Universal Connectivity" developer workshop covering js-Libp2p core modules, wallet integration, and encrypted media release flows (Libp2p, Docker, Solidity).

### Solo Full Stack Developer — Buildspace | Remote

Jun 2024 – Jul 2024

- ▶ Ideated, designed, and launched AstrophileYard — a full-stack project — in 42 days, delivering consistent weekly demos and iterating based on community feedback.

### Open-Source Contributor — GSOC-Ext 2024 / HacktoberFest 2024 | Remote

Oct 2024 – Nov 2024

- ▶ Contributed to open-source repositories during Google Summer of Code Extended and HacktoberFest, demonstrating consistent problem-solving and collaborative development skills.

### Web Development Intern — Zidio Development | Remote

May 2024 – Jun 2024

- ▶ Developed and maintained responsive web interfaces using React and Node.js; collaborated with cross-functional teams to ship frontend features on schedule.

## PROJECTS (WEB3 & FULL STACK)

### GhostLock MEV Reaper | DeFi / Smart Contracts · [GitHub](#)

[Next.js](#) · [TypeScript](#) · [Solidity](#) · [ethers.js](#) · [wagmi](#) · [VRF](#) · [Base Sepolia](#) · [Tailwind CSS](#)

- ▶ Built a DeFi MEV-shielding trade interface that **encrypts** transactional intents, **randomizes** settlement using drand's VRF and facilitates batch auctions settlements against price manipulations.

## SecretShare | DApp · [GitHub](#)

Next.js · Tailwind CSS · ethers.js · wagmi · UCAN · Storacha · IPFS

- ▶ Built a decentralized secret-sharing DApp with time-limited access via UCAN authorization, IPFS-based data storage, and wallet-based authentication using ethers.js and wagmi.

## [BlockLock Frontend Kit & Universal Connectivity Workshop](#) | Web3 Infrastructure

React.js · TypeScript · ethers.js · wagmi · Solidity · Libp2p · Docker

- ▶ Contributed significant frontend modules and encrypted media release demo using Dcipher's BlockLock encryption; integrated Solidity smart contracts and peer-to-peer connectivity.
- ▶ Led developer workshop on js-Libp2p, covering wallet integration, decentralized connectivity, and smart contract patterns.

## Rachax402 | Agentic Coordination Marketplace · [GitHub](#)

ERC-8004 · x402 · Storacha · EIP-4992 · Coinbase Agentkit · Vercel ADK · Solidity · Base

- ▶ A decentralised agent-to-agent coordination marketplace where AI agents — discover services on-chain, pay autonomously via the x402, execute tasks, and post verifiable reputation onchain — with no human in the loop.

## VRForge | Randomness DApp · [GitHub](#)

React.js · TypeScript · Three.js · Framer Motion · drand (Verifiable Randomness)

- ▶ Engineered an interactive randomness-based DApp leveraging drand's decentralized verifiable randomness — applicable to NFT minting and fair-draw DeFi mechanics.

## LLMesh | Libp2p x AI · [GitHub](#)

Libp2p · Ollama

- ▶ A browser-based P2P chat mesh where each peer joins and sends messages through libp2p's GossipSub layer, and an embedded LLM (Ollama- local, Chatgpt-hosted) joins the mesh as its own node, weaving LLM intelligence directly into the peer network.

## [Tripmate — Multi-Agentic Travel Planner](#) | AI + Web3

ElizaOS Agents · Storacha · OpenRouter · Python · TypeScript · WebSockets · Telegram

- ▶ Built a multi-agentic AI travel planning system powered by Storacha x ElizaOS plugin, featuring agentic communication via WebSockets and Telegram integrations.

## EDUCATION

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### Bachelor of Arts (Humanities) — Navyug Girls Degree College, Lucknow University

CGPA: 8.09 / 10 | 2022 – 2025 | Lucknow, Uttar Pradesh, India

## ADDITIONAL HIGHLIGHTS

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- ▶ **Remote-first:** 100% of professional and open-source work has been conducted remotely across distributed global teams.
- ▶ **Community:** Active contributor in Web3 developer communities; HacktoberFest 2024 badge recipient; GSOC-Ext 2024 contributor.
- ▶ **Self-driven:** Proactively learned Solidity, DeFi mechanics, and NFT infrastructure independently to ship production-ready dApps.