

NIPUR KUMAR

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OBJECTIVE

I'm a software engineer with experience in blockchain and full-stack development, passionate about creating secure, scalable, and practical solutions that make a real difference.

EDUCATION

Bachelor Of Technology, Pranveer Singh Institute Of Technology

Expected 2026

Relevant Coursework: Computer Networks, DBMS, OOPs, Operating System, Software Engineering.

CGPA: 6.9

SKILLS

| | |
|-------------------|--|
| Technical Skills | C++, C, JavaScript, Java, Solidity, Node.js, HTML, CSS, MySQL, PostgreSQL |
| Soft Skills | Problem Solving, Teamwork, Communication, Analytical Thinking, Ethics |
| Frameworks, Tools | React.js, Web3.js, Hardhat, IPFS, MongoDB, OpenCV, Tkinter, Remix IDE, VS Code |

EXPERIENCE

Full Stack Developer

June 2024 - July 2024

SubLabs

Remote

- Built a decentralized music-sharing platform with Lens Protocol and Solidity, allowing 50+ artists to publish songs as NFTs on the Polygon network.
- Ensured seamless ownership and delivery of NFT, achieving 100% successful downloads for verified buyers.
- Developed and tested NFT-based access controls, enabling secure digital asset distribution with 75+ successful transactions on the testnet.

ACHIEVEMENTS & CERTIFICATIONS

- **Ethereum Blockchain Developer Bootcamp with Solidity (2025)** – Udemy
- **Cybersecurity Job Simulation** – Mastercard (Forage)
- **5 Star Problem Solving** – HackerRank
- Solved over 100 DSA problems on LeetCode, strengthening my algorithmic thinking and problem-solving skills.

PROJECTS

WorkSync ([Demo](#)) ([Github](#))

March 2025 - Present

- Developed a trustless freelance job portal using Solidity and React, enabling secure job postings and Ethereum-based payments for 50+ test users.
- Automated smart contract deployment scripts, cutting setup time by 40%, and managed simulated payouts totaling 1 ETH with zero disputes.

ScanChain ([Demo](#)) ([Github](#))

Aug 2024 - Jan 2025

- Built a secure messaging dApp with end-to-end encryption and Ethereum smart contracts, ensuring message immutability through blockchain logs.
- Integrated real-time malware detection for media files, successfully blocking all flagged malicious content.
- Tested with 2,000+ messages on testnet, achieving zero data leaks and fully reliable delivery.

FRAS - Face Attendance Recognition System ([Demo](#)) ([Github](#))

Mar 2024 - July 2024

- Developed a real-time facial recognition system using OpenCV, reaching 95% accuracy across 50+ users in varied lighting conditions.
- Cut manual roll-call time by 70%, saving over 10 minutes per session.
- Boosted attendance accuracy by 60%, significantly outperforming traditional manual methods.