Soumen Das

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Summary

Dedicated CSE undergraduate passionate about full-stack web development and Web3. Skilled in MERN stack and blockchain integration with proven hackathon achievements and community leadership.

Projects

HerbalTrace - Supply Chain Platform (GitHub | Live)

- Blockchain-powered platform for herbal supply chain transparency from farm to consumer.
- Multi-platform solution: React web app, React Native mobile app, Node.js backend.
- QR code-based product verification with GPS tracking and lab testing integration.
- Role-based dashboards for farmers, processors, lab testers, and regulators.

SkillChain (GitHub)

- Blockchain-based platform issuing NFT certificates as verifiable credentials.
- Integrated educator dashboard for course creation and management.
- Improved trust in online education via blockchain verification.

TechVerse Connect (GitHub)

- AI-powered tech news summaries with community features and forums.
- Built with React 18, TypeScript, Tailwind, Node.js, Express, MongoDB.
- Secure authentication using JWT and bcryptis.

College Companion App (GitHub)

- React Native mobile app with Express.js backend for parent-student communication.
- Real-time access to attendance, fees, and grades with optimized queries.

Education

JIS College of Engineering, Kalyani

B.Tech in Computer Science and Engineering (CGPA: 8.5/10)

2024 - 2028

Technical Skills

Programming: JavaScript, TypeScript, Python, C, Solidity **Frontend:** React, Next.js, React Native, SolidJS, Three.js

Backend: Node.js, Express.js, Django, JWT

Databases/Cloud: MongoDB, MySQL, Prisma, AWS, Google Cloud

Tools: Git, GitHub, Postman, Vite, NPM, Vercel

Achievements & Affiliations

- 7th Position at HACK-O-NIT Hackathon, Narula Institute of Technology
- Participated in 5+ hackathons with consistent performance
- Founder of TechVerse Community leading tech initiatives
- Core Member of DevSphereIndia Developer Team