

Alok Kumar Gupta

Full Stack Blockchain Developer | Solidity | ZK-TLS

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About

Full Stack Blockchain Developer and *former intern* at **DecentraClasses**, where I focused on building a Layer 3 blockchain (AcadChain) and decentralized applications focused on real-world problem-solving using Zero Knowledge Proofs (ZK-TLS) for enhanced privacy and security.

Passionate about fitness, yoga, and community service through NGO **AKSHARGYAN**. In my free time, I enjoy reading self-growth books and spending time with my pet.

Work Experience

Full Stack Blockchain Developer - DecentraClasses , Noida Oct 2024 - Dec 2024

- **AcadChain**: A Layer 3 blockchain designed to verify student's academic credentials using Zero-Knowledge Proofs.
- **Instalearn**: Integrated CapxAI SDK with Telegram bot for user authentication and used Google Bard in Lerna for auto-generating structured courses.
- **DecentraClasses**: Developed a platform to promote Web3 learning, currently engaging over 120+ students who actively participate in contests and bounty programs to enhance their skills and practical knowledge.

Projects

UPI-CryptoConnect

[Link](#)

- Built a unified platform for seamless fiat and crypto transactions via a UPI-like interface.
- Handled real-time crypto-to-fiat conversion to manage volatility.
- Integrated diverse payment methods for fast, reliable transactions.
- Ensured regulatory compliance and strong end-to-end security using Decentralise-KYC.

HackValidate

[Link](#)

- Developed a platform for students to submit hackathon ideas and receive likes from past hackathon winners.
- Implemented a sorting system to rank top ideas based on the number of likes received.
- Enabled students to identify high-potential ideas before building, increasing chances of success.
- Introduced a token-based reward system for mentors who engage by liking ideas.
- Integrated AWS S3 for reliable and scalable image storage.

Achievements

- Solved **300+** DSA problems on LeetCode.
- Selected as a **Top 10 team** out of 3100 students at the Innovae-X Hackathon conducted by DTU.
- Mentored **100+** students in a blockchain workshop.

Skills

Programming Languages: Java , Solidity

Frontend: Next.js , Typescript, Shadcn ui

Backend: MongoDB , Express , Node.js

Blockchain Technologies: Smart Contract, Truffle, Ether.js, Ethereum , Reclaim Protocol, ZK-TLS

Devops: AWS, Github Actions, CI/CD, Jenkins, Docker

Education

JSSATEN , B.Tech in ECE

Oct 2022 - June 2026

- GPA: 7.6 / 10.0