Aditya Kumar Verma

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EXPERIENCE

1.1 Full Stack Developer / Project Lead

Personal Tech Projects *Current*
Sultanpur, India

Architected and deployed full-stack web applications using Next.js and React with data processing
Integrated AIML models (Gemini API, OpenAI Whisper) into production applications
Implemented blockchain integration for secure, decentralized solutions
Designed and optimized cloud infrastructure using AWS and Google Cloud platforms
Developed RESTful APIs with Node.js and Flask for seamless frontend-backend communication

1.2 Cybersecurity Job Simulation

Deloitte Australia via Forage *Dec 2025*
Remote

Completed comprehensive cybersecurity training covering threat identification and mitigation strategies
Analyzed security vulnerabilities and developed remediation plans

1.3 AWS Solutions Architecture Job Simulation

Amazon Web Services via Forage *Dec 2025*
Remote

Designed scalable and cost-effective AWS cloud architectures
Implemented infrastructure solutions using EC2, S3, and RDS services

PROJECTS

Biolore Link to Demo

High-performance media streaming and recording tool leveraging WebRTC, MediaRecorder API, ffmpeg, to enable low-latency broadcasting to platforms like YouTube, with seamless parallel local recording and efficient CPU/GPU utilization.
Tech Stack: Next.js, WebRTC, ffmpeg, Docker

CuraLynx Link to Demo

CuraLynx is an AI-powered clinical documentation assistant that transforms doctor-patient conversations into structured medical notes, recommendations, and prescriptions in real-time.
Tech Stack: Next.js, Gemini API, OpenAI Whisper

AnonWhistle Link to Demo

AnonWhistle is a user-friendly crowdfunding platform built on blockchain technology. It ensures transparency and security by storing all campaign data on the blockchain, making it tamper-proof and trustworthy. The platform accepts cryptocurrency payments, allowing anyone around the world to contribute easily. To store images and other static content, AnonWhistle uses IPFS, a decentralized file storage system.
Tech Stack: Solidity, Next.js, Hardhat, Ethers.js, IPFS, Tailwind CSS

EDUCATION

| 2024 - 2028 | Bachelor of Technology at **KNIT Sultanpur** | (GPA: 7.68/10.0) |
| 2023 | Class 12th CBSE | |

SKILLS

Languages	Javascript, Typescript, Solidity, C++, SQL
Technologies	NodeJS, React.JS, NEXT.JS, MongoDB, PostgresSQL, Prisma
Tools	Docker, Google Cloud Platform, Git, Postman, Cursor

ACHIEVEMENTS

- 2nd Prize Winner at HackWithUP (Agentic AI Hackathon) - India's First Agentic AI Founders Hackathon, Nov 2025

- 2nd Runner-Up at NASA International Space Apps Challenge 2025 - Ghaziabad Edition, Oct 2025

- 3x National-Level Hackathon Winner with innovative solutions in healthcare, space technology, and governance

- Campus Ambassador - Perplexity and InternshalaISP (Nov 2025)positions in hackathons in college.