MANNAN ALI SHAIKH

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🔗 Linkedin | 🐙 Github

SKILLS

- **Languages:** C++ , C , Solidity , Python , Java , JavaScript

- **Framework & Database:** React.js , Node.js , Ethers.js (Basic) , MongoDB , MySQL, IPFS

- **Development Tools:** Git , Hardhat , Express.js , Cloudinary , Linux

EDUCATION

Vellore Institute of Technology Bhopal, India	**2022 − 2026**
Computer Science Engineering	*CGPA: 8.79*
Laxmi International School, India	**2022**
Class XII - CBSE (PCM + CS)	*Percentage: 88%*
Laxmi International School, India	**2020**
Class X - CBSE	*Percentage: 91.6%*

PROJECTS

CollectiveHub – Backend for Media Sharing & Social Interaction | GitHub Link

- Built a RESTful backend for a social media platform with features like video sharing, comments, tweets, and subscriptions, supporting 100+ concurrent users.
- Implemented stateless JWT authentication and server-side pagination to secure user sessions and reduce latency, improving client performance under concurrent load.
- **Tech Stack** - Node.js, MongoDB, Mongoose, Cloudinary, JWT, Multer, Nodemon.

Blockify – Custom Blockchain & ICO Platform | GitHub Link | Preview

- A custom blockchain system with block creation, proof-of-work consensus, and chain validation.
- Developed and deployed a smart contract for an ICO offering 1,000,000 tokens, and integrated a user-friendly frontend for better token management .
- **Tech Stack** - Python, Solidity, JavaScript, React, Ethers.js, Hardhat, MetaMask.

SignWays – Indian Sign Language to Text Translator | GitHub Link | Preview

- A recognition system that translates Indian Sign Language (ISL) gestures into text in real-time, detecting over 4 words, and enhancing communication for the hearing-impaired.
- Implemented backend for model inference and API communication, and designed responsive frontend to capture webcam input and display real-time predictions, ensuring interactive user experience.
- **Tech Stack** - Python, Flask, OpenCV, Keras, TensorFlow, JavaScript, React.

POSITIONS OF RESPONSIBILITY

Partnership Department Team Member - AI Club, VIT Bhopal *March '23 - Apr '24*

- Secured sponsorships by engaging with more than 50 companies, organizations and promoting collaboration to ensure financial backing and successful event execution.
- **Skills**: Sponsorship Outreach, organizational communication, and negotiation.

CERTIFICATIONS

Blockchain A-Z Certified (Udemy)	**Certificate**	*January 2025*
Cloud Computing Certified (NPTEL)	**Certificate**	*April 2024*
The Bits and Bytes of Computer Networking (Coursera)	**Certificate**	*December 2023*