

Ansh Mehta

Mumbai, Maharashtra | anshkapilmehta@gmail.com | 9930519079 | [linkedin.com/in/anshmehta](https://www.linkedin.com/in/anshmehta)
github.com/anshmehta7x

Education

Vellore Institute of Technology, B.Tech in Computer Science and Engineering Sep 2022 - Jul 2026

- GPA: 9.05/10
- Technical Head at IEEE-Computer Society
- **Relevant Coursework:** Structured and Object-Oriented Programming, Data Structures and Algorithms, Computer Architecture and Organization, Operating Systems, Database Management Systems, Computer Networks

Technologies

Languages: Python, C, C++, Java, JavaScript, TypeScript, HTML, CSS, Solidity

Developer Tools: Git, Postman, Kaggle, Remix IDE

Frameworks: NextJS, TailwindCSS, Three.js, Node.js, FastAPI, Flask, OpenCV, Foundry

Cloud: AWS, Docker, Firebase

ML & Data: SQL, MongoDB, Numpy, TensorFlow, R, matplotlib

Experience

Software Developer Intern, XDC Network –Dubai, UAE June 2024 –July 2024

- Engineered Solidity smart contract dApps with cross-functional teams.
- Established secure smart contract testing protocols using Hardhat and Foundry on Ethereum testnets.
- Analyzed DeFi protocols, specializing in yield farming and liquidity pools.

Projects

Mailman CLI [Github Link](#)

- Constructed C++ CLI alternative to Postman for lightweight API testing and development.
- Integrated libcurl wrapper supporting customizable HTTP requests, workspaces, and environment variables.
- Formulated intuitive CLI for managing and executing API requests.
- **Technologies:** C++, libcurl, CMake

ScriptSync [April 2024](#)

- Pioneered video translation software for converting content and audio to any language.
- Secured 1st place at VIT Central Hackathon with this prototype.
- Implemented computer vision for text recognition and language conversion.
- **Technologies:** OpenCV, Python, ReactJS, FastAPI

LocalBlockchain [Github Link](#)

- Architected Proof-of-Work blockchain from scratch with C++ and OOP principles for clean code.
- Programmed mining algorithms, cryptographic hashing, and Merkle Trees for efficient transaction verification.
- Developed backend C++ executable that communicates with frontend via HTTP server architecture.
- Created intuitive Electron.js/React.js interface for visualizing and interacting with blockchain data.
- **Technologies:** C++, Visual Studio IDE, OpenSSL, HTTP, Electron.js, React.js

Achievements

- Captured 1st place at VIT Central Hackathon by developing **ScriptSync**, an innovative video translation tool using computer vision.
- Earned 2nd place at Code4Change Hackathon for developing **ForReal**, an audio and image deepfake detector service.
- Achieved 3rd place at DevJams by creating **StoryScape**, a GenAI-powered tool converting text stories into audio-visual experiences.
- Spearheaded HackBattle, a successful hackathon engaging 600+ participants.