Anand Kumar

Indian Institute of Technology (IIT)

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EDUCATION

Passing Year	Degree/Exam	Institute/Board	CGPA/Percentage
2024	B.Tech. (Mechanical engineering)	Indian Institute of Technology, Bhilai	7.7 (Current)

SKILLS

Programming Languages	Software and Frameworks	Proficiency	Familiar with
Python, C++, C, JavaScript; Solidity	Hardhat, truffle, ganache, Ether.js,web3 , remix IDE, Slither, Etherscan	Solidity, inline assembly language, EVM	operating systems like Windows and Ubuntu, Git/GitHub

Projects

❖ **eCommerce Platform:**
  ➢ Developed a blockchain-based E-commerce platform where buyers and sellers both interact peer to peer.
  ➢ Assets are locked for seven days at the time of purchase in the smart contract, and upon successful product delivery, they automatically go to the owner's address.
  ➢ The ownership will be recorded on the blockchain and will be fully transparent.

❖ **Decentralized NFT platform**
  ➢ Develop a Smart contract, where students can create **Non-Fungible Token (NFT, ERC-721),** and the best NFTs are chosen by faculty and after signature verification gifted to talented students in the corresponding course.
    • Now, Students will get assets with grades.

Hackathons

❖ **iHack 2022:**   15 October 2022 – 16 October 2022
  ➢ **Smart EV charging Station:** 8-hour hackathon challenge conducted by "**Infineon Technologies".**
     where, developed a blockchain-based Solution on the Ethereum platform, using a SMART CONTRACT, for Peer 2 Peer [P2P] Electrical Vehicle Charging Station platform and used a **Security 2Go Starter kit R1 card** to sign Blockchain Transactions and my team secured the first position.

❖ **Chainlink Fall 2022 Hackathon:**   14 October 2022 – 18 November 2022
  ➢ **QuickFund DAO:**   **Website**
     ♦ developing a digital peer-to-peer fundraising decentralized autonomous organization (DAO) Kickstarter. Using ERC-20 token DAO to invest in the project. build an on-chain voting system by using ERC20votes(Openzeppelin) for voters. build multi-signature wallets for DAO members.
     ♦ Make some smart contract functions completely automatic by using chainlink automation.

Academic and Extracurricular Achievements

❖ Complete **Etherenaut** smart contract CTF challenge
❖ Mathematics practice teacher for **JEE ADVANCE** (September 2021 – December 2021)
❖ Ranked in the top **1.1 percentile** out of more than **1 million candidates** in **JEE Mains 2020**

HONOURS & POSITION OF RESPONSIBILITIES

❖ **Core member of blockchain at IIT Bhilai (BIB)**
  ➢ **contribution**
    • Technical Bitcoin training workshop || Technical Ethereum training workshop || Smart Contract workshop
❖ **Sport Council**
    • Inter-IIT Yoga event management
❖ **Management**
    • Meraz event management

Area of Interest

Bitcoin| Ethereum blockchain protocol||ERC||EIP|| metaverse ||Cryptography | EVM|
||DAO || Defi ||Solidity inline assembly | smart contract security