Anand Kumar

Indian Institute of Technology (IIT)

 : +91 7667675164 :[AnandK-2024](https://github.com/AnandK-2024) *|* [anandkumar@iitbhilai.ac.in](mailto:anandkumar@iitbhilai.ac.in%20) [anand kumar](https://www.linkedin.com/in/anand-kumar2024/)

**EDUCATION**

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| --- | --- | --- | --- |
| **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**](https://main--chic-sunshine-f411dd.netlify.app/)
    - * + 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