

Anand Kumar

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EDUCATION

Indian Institute of Technology, Bhilai

B.Tech in Mechanical Engineering;

Raipur, India

July 2020 – May 2024 (Expected)

R.N College, Hajipur

High School(10+2) ; **percentage: 82.2**

Vaishali, Bihar

April 2017 – March 2019

WORK EXPERIENCE

Winter of Blockchain (Hyperedge.so)

Open Source Projects

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Jan 2022 – present

- Contributed to the development and improvement of the Wootz-browser web3 mobile wallet project by continuously identifying and solving bugs, resulting in a more stable and reliable user experience.
- Demonstrated expertise in the Flutter framework and Dart language by effectively identifying and addressing bugs in the Wootz-browser project, contributing to the success of the open-source community and the wider adoption of web3 mobile wallets.

InterIIT Tech Meet11.0 (IIT Kanpur), ConsenSys [GitHub](#)

Kanpur, India

Jan 2023 – Feb 2023

Lead Project Manager

- Led development of "TransactMan", a Metamask Snap web3 wallet for efficient accurate smart contract testing
- Conducted research, applied best practices, implemented user-friendly interface with clear error reporting for positive feedback increased usage. Collaborated for successful launch.

NAPFT Technology Pvt Ltd [GitHub](#)

remote, India

Dec 2022 – Jan 2023

Lead Project Manager and solidity smart contract developer

- Proficient in blockchain development and implementation, creating functional and innovative blockchain applications. Demonstrated strong leadership skills by managing interns and ensuring successful project completion.
- Honored with certificate for outstanding performance and contributions during internship, recognizing dedication, hard work, and valuable contributions to the company.

HACKATHON

iHack2022, Infineon Technologies [GitHub](#)

IIT Bhilai, Raipur

Smart EV charging Station

15 Oct 2022 – 16 Oct 2022

- Developed blockchain-based P2P EV charging station solution using Ethereum Smart Contracts, utilizing "Security 2Go Starter kit R1 card" for enhanced security. Won first place in Infineon Technologies' hackathon challenge with team.
- Gained in-depth knowledge of blockchain technology, Ethereum Smart Contracts. Demonstrated strong communication presentation skills while showcasing technical aptitude eagerness to learn.

Chainlink Fall 2022 Hackathon [GitHub](#)

remote, India

QuickFund DAO

14 Oct 2022 – 18 Nov 2022

- Contributed to the development of a peer-to-peer fundraising DAO built with ERC-20 tokens, multi-sig wallets, and on-chain voting using ERC20votes (OpenZeppelin). Overcame challenges of remote collaboration with a global team, creating a solid infrastructure and tokenization model.
- Gained new skills in building a profitable business model and utilizing on-chain voting processes. Successfully deployed on Polygon Mumbai test network.

AWARDS & ACHIEVEMENTS

Indian Institute of Technology, Bhilai: Awarded for developing a Smart Contract that utilizes ERC-721 to allow students to create NFTs, with the best ones being selected by faculty and gifted to talented students in the corresponding course through signature verification. This incentivizes academic achievement by providing students with assets in the form of grades.

JEE Mains 2020 Top 1.1 Percentile Rank Achiever.: Achieved a rank in the top 1.1 percentile out of over one million candidates in JEE Mains 2020, demonstrating strong academic abilities in the field of engineering.

PROJECTS

Blockchain eCommerce Platform

- Developed a blockchain-based eCommerce platform as a personal project, utilizing smart contract technology to facilitate peer-to-peer interaction between buyers and sellers.
- Implemented a seven-day lock of assets at the time of purchase, with the smart contract automatically transferring assets to the owner's address upon successful product delivery.
- Recorded the ownership of assets on the blockchain, ensuring complete transparency and accountability. Gained extensive experience in smart contract development and eCommerce platforms, honing skills in both front-end and back-end development.
- This project is useful in e-commerce as it enables direct interaction between buyers and sellers, reducing costs and eliminating fraud. Blockchain technology ensures secure, tamper-proof record-keeping, increasing platform credibility and transparency.

HONOURS POSITION OF RESPONSIBILITIES

- **secrety of blockchain at IIT Bhilai (BIB) society**
- Managed and organized the Inter-IIT Yoga event for the Sports Council.
- Organized Meraz startup team event as a part of the Management team.

SKILLS

Programming: C, C++, Python, javascript, solidity, solidity inline assembly language, EVM, Dart

Software and Frameworks: Hardhat, truffle, ganache, remix IDE, Slither, Etherscan, Foundry, Flutter

Languages: Hindi (Native), English (Professional)

RELEVANT COURSEWORK

Major coursework: Cryptography, Discrete structure, Data Structure and algorithm, Decentralized Finance, Decentralized Autonomous Organization, Bitcoin protocol, Ethereum protocol, smart contract security, web3, zk-SNARKS, Blockchain bridges, smart contract attack vectors

HOBBIES

[Blockchain technical blog writing](#), [Smart contract attack vectors](#), Analyzing smart contract audit report, Playing CTF with smart contract, Reading blockchain article, Decentralized Finance, reading Ethereum Weekly report smart contract attack vectors, blockchain hackathon, metaverse, Playing Football, listening song.