



Arnab Chatterjee

Backend Developer • Fullstack Developer • Frontend Developer

Academy of Technology • 2024 Pass out



Work Experience

Backend Dev @ AOT Ingenium, Remote [↗](#)

Nov 2021 - Mar 2022 (4 months) | Semi-fulltime

- It was a college web magazine
- Built crud system for uploading , editing and deleting contents and showing it in fronted
- built a crud system with php and mysql

Skills Developed: PHP, MySQL, Bootstrap

Skills

React.js | NodeJs | ExpressJs | PHP | MySQL | MongoDB | Bootstrap | NextJs | JSON | Docker

Education

Academy of Technology, Aedconagar

B.Tech, Computer Science Engineering (CSE)

| 10 CGPA

2020 - 2024

Projects

Cure Connect [↗](#) [</>](#)

- Bring decentralisation to tourism , it enables tour organizer to connect with tourist without any middle man by issuing a NFT ticket
- The landing Page user will be able to see upcoming events, features of our DAPP and contact us section. To join an event, user need to sign-in using Arcana Auth. To Join A community , User need to go to the "Join Us" Sections where all the upcoming events are listed. User can select their prefered event ,then choose the activity , after that the user needs to connect Metamask Wallet to Mint their NFT which will act as their identity proof for rest of the event. ThirdWeb SDK is used to mint NFTs. We Used LightHouse to store the images of NFTs in IPFS network instead of centralized database system.
- Currently, the ticketing system can't help people reflect on special moments from past events. Hence, NFTs have arrived to make tickets more functional and easy to collect for memories. A tradition-based ticket may be lost or destroyed. Organizers do not get enough security with paper-based tickets thus they can be easily faked. With NFTs, you don't need to compromise anymore and the technology benefits both the organizers and users.

Skills Developed: React.js, Polygon, IPFS

Solguide [</>](#)

- Realtime tech based questions answer platform
- Built using react and Appwrite backend , as a service
- Our web-app lands with a login/ signup page(user can switch between two according to their convenience). After the user has logged in, the dashboard of the user comes up where it shows the username, email and number of contributions of the respective user. It has been implemented using Appwrite SDK. We then have our most interesting part of the web-app which is the 'Contribution' section where user can answer to the problems asked by an author in real-time. User can also be an author and post their respective doubts or the problem they are facing in the code(user are also allowed to attach their code screenshots).

Skills Developed: React.js, CSS, Socket.io

Coinverse



- To give user different types of crypto datas
- Frontend is built with React and Vite . Used CoinRanking and BingNewsSearch api , and used redux toolkit query to fetch datas format data .
- See Crypto News , Current prices of coins , Bookmark your favourite coins Historical price data with charts Search and get latest news on any specific coin Origin , facts and other stuffs 100+ language support

Skills Developed: React.js, Redux, JSON

Ledged



- Immutable and Decentralized ledgers
- In The landing Page, the user will be able to see features of our DAPP and also get started with our ledger After clicking the get started button , the login happens using Metamask wallet The user is redirected to their profile page , where they can view their past ledgers or create new ledgers At New Ledger page , user can create their custom fields and data , and also upload files They are also allowed to preview the file in the preview section before finally clicking Deploy The previously created ledgers can be viewed under Previous Ledgers page.
- The project aims to solve the problem of information manipulation in public and private sectors. The DAPP helps us to create customizable ledgers (records) that are stored in decentralised blockchain networks. Ledged also allows us to upload files using FileCoin IPFS It also enables the user to systematically preview the past ledgers This makes it immune to tampering or manipulation. Transparency of data is maintained.

Skills Developed: React.js, Solidity, ExpressJs, MongoDB, Ethereum, Metamask, web3.js

Socialite



- Minimalistic social media site , with authentication , feed , add friends etc
- built backend with Node ,Express and mongo . And frontend with react , redux , material ui etc
- User can login or register , reset password . Search and add other people , posts feed , react to posts etc

Skills Developed: NodeJs, MongoDB, ExpressJs, React.js, Material Design, Redux

Position of Responsibility

Tech team lead of students chapter of AOT
CSe

- Conducted 15+ offline seminar, tech quizzes, workshop. Managing 50+ students under tech team.

Achievements/ Extracurricular Activities

- Track winner (5ire and godaddy) in Diversion2k23 offline hackathon, For project Ledged (best implementation of 5irechain)
- Track winner in Hack the Mountain 3.0 offline hackathon, For project Hype the hike(Best use of Lighthouse and Arcana)
- Track winner in HTL 2.0 online hackathon, For project Cure Connect(Creative use of SawoLabs and twillio)
- Leader of Tech Team of IEI Students Chapter CSE AOT