

Ashpreet Singh Anand

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Work Experience

Maven Foundation

Remote

FULLSTACK BLOCKCHAIN DEVELOPER INTERN (CORE TEAM MEMBER)

April 2023- Aug 2023

- Developed "Queue Protocol" from scratch which is a ticketing platform and debug code issues of "Maven-House" platform.
- Developed internal dashboard frontend in NextJs Framework created many components and added functionality to Queue Protocol.
- Designed database architecture and worked on MySQL database also created many backend Api's.
- Worked on ERC6551 Token bound accounts, NFT based ticketing and Proof of Attendance based ticket ticketing.
- Worked on user authentication, wallet connection and Queue IDs.

Web3Verse Academy

Remote

SOFTWARE ENGINEER, RESEACH INTERN (CORE TEAM MEMBER)

March 2023- Aug 2023

- Developed web3 education website including "tryweb3.tools" and "web3verse.academy" providing users with a hands-on platform to explore and learn web3 tools through practical labs
- Build login and signup authentication by Firebase for user authentication and for saving of user data and SWR for fetching for data and Browser Local Storage for User Authentication on Django
- Develop smart contracts for Ethereum, Solana and Polygon Blockchains in Solidity, Vyper and Rust.
- Develop frontend applications in Next, React and integrate with Smart Contracts with Ethers, and web3 library and added support for crypto wallets with rainbow kit

Projects

FormBuilder – Google Form Enhanced

Next.js, TypeScript

[WEBSITE](#) | [GITHUB](#) | [VIDEO](#)

- Created a Form Building application using NextJs13, TypeScript, Shadcn-Ui and Prisma for ORM where user can create a form, save a form or publish to share the form.
- Added interactive way of creating custom forms where user has to drag and drop the element which they need in their form
- User can see Total Visits, Total Submissions, Submission Rate and Bounce Rate of all form and of each form they created.
- Used Clerk for user authentication and PostgreSQL for saving of user data and SWR for fetching for data.

LotteryDapp – Lottery Dapp

Solidity, Next.js

[WEBSITE](#) | [GITHUB](#) | [VIDEO](#)

- Created a Lottery Dapp using Solidity, Truffle, JavaScript and NextJs framework.
- Multiple User can enter in a lottery and the owner can pick a winner randomly.

Achievements

Tezos Buildercamp | [LINK](#)

- Among Overall Toppers ([LINK](#))
- Build Dapps and created smart contracts on Tezos and worked on Smartpy and Taquito libraries ([LINK](#))

Leetcode | [LINK](#)

- Solved 150+ questions.

Technical Skills

Programming Languages C++, Javascript, Solidity, TypeScript, Golang

Libraries/Frameworks NextJs13, Node.js, Express, ReactJs, Prisma, Hardhat, Truffle, Web3Js, Ethers, RainbowKit, Django, Smartpy, Taquito

Database MongoDB, Firebase, PostgreSQL, MySQL, Pinata, Moralis

Platforms Vercel, Heroku, Netlify, Digital Ocean

Education

Bhartiya Vidyapeeth's College of Engineering New Delhi

Delhi, India

BTech IN Information Technology

2019 -2023

Guru Harkrishan Public School Vasant Vihar New Delhi

Delhi, India

Schooling

2019 - Passout