Ashpreet **Singh Anand**

Delhi, India

(+91) 8800983722 | ashpreetwork@gmail.com | ashpreet.vercel.app | ashpreetsinghanand | ashpreet-singh-anand | Ashpreet72112

Work Experience

Maven Foundation
FULLSTACK BLOCKCHAIN DEVELOPER INTERN (CORE TEAM MEMBER)

Remote
Sept 2023- Current

- 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 with Tailwind CSS created many components and added functionality to Queue Protocol.
- Designed database architecture and worked on **MySQL** database used **Prisma** for **ORM** also worked on 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 using **Rainbow-Kit** and Queue IDs.

Web3Verse Academy
SOFTWARE ENGINEER, RESEACH INTERN (CORE TEAM MEMBER)

Remote
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 video streaming using **HLS** (Http Live Streaming) and with interactive transcript with **Hyper-Audio Lite** for interactive user experience
- 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
WEBSITE | GITHUB | VIDEO

Next.js, TypeScript

- Created a Form Building application using **NextJs13**, **TypeScript**, **Shadcn-Ui** and **Prisma** for **ORM** where user can create a form, save a from 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
WEBSITE | GITHUB | VIDEO

Solidity, Next.js

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

Achievements

Tezos Builder Camp | 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, Python
Libraries/Frameworks NextJs13, Node.js, Express, ReactJs, Prisma, Hardhat, Web3Js, Ethers, Rainbow-Kit, Django, Flask, Tailwind CSS
Database MongoDB, Firebase, PostgreSQL, MySQL, Redis

Education

Bhartiya Vidyapeeth's College of Engineering New Delhi
BTech IN Information Technology

Delhi, India
2019 -2023

Guru Harkrishan Public School Vasant Vihar New Delhi
Schooling

Delhi, India
2019 - Passout