

KAMAL SINGH

MERN-Stack Developer

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SUMMARY

With 1.7 years of experience as a MERN Stack developer(Including Internship), I have been able to develop scalable, efficient and robust web applications, and I am eager to contribute my skills to new projects and further develop my expertise.

WORK EXPERIENCE

Minddeft Technologies Pvt. Ltd.

(January 2022 – June 2022)

Internship

In 6 month internship, I learnt about various Javascript frameworks like ReactJs, ExpressJS, NodeJS and MongoDB. And use the Socket.IO library for bi-directional and event-based communication between a client and a server.

Minddeft Technologies Pvt. Ltd.

(July 2022 – August 2023)

MERN Stack Developer

Designed and implemented user interfaces for dApps using HTML, CSS, and JavaScript frameworks like ReactJS and used Redux library for managing and updating application state. Integrated Web3 libraries like Web3.js or Ethers.js to connect the front-end with the blockchain. Interacted with smart contracts, sent transactions, and handled events from the front-end. Integrated with IPFS protocol to store NFT images and create metadata of NFTs. Create RestAPIs using ExpressJS and NodeJS and also handle MongoDB Database on the backend side.

KEY PROJECTS

Seedify-fund (IGO Launchpad)

Work on Seedify-fund Frontend and Integrate Web3 on it

My Responsibilities:

- Created IGO launchpad for blockchain games to collect funding from users for Client Gaming Platform which was registered on Seedify-fund in exchange for their ERC20 token.
- Making Staking/Farming Investment and Claim module compatible with different EVM chains and a few pools with Solana chains as well.
- Making dapp compatible with 100,000 user load, parallel working on web3 interaction, and calling blockchain data.
- Communicate Requirements with the team and discuss optimal solutions with them.

Environment: NodeJS, Smart Contracts, ReactJS, Web3.JS, Binance Smart Chain,

NFT Marketplace

Work on NFT MarketPlace Frontend and Admin side

My Responsibilities:

- Integrated functionality of ERC1155 and Escrow contract of second-hand NFT sales using web3.js.
- Integrate IPFS protocol in it using nft.storage to store NFT images and NFT metadata.
- Uploaded NFT Images and their details on IPFS to get Token URI. URI Metadata is made compatible with standard open-sea import functionality.
- Used Moralis APIs to get user NFT's details, which our platform did not mint.
- Interact With CoinMarketCap API to get the current price of tokens in different token currencies.
- Coordination between different team members including frontend and backend.
- Deployment on BSC Testnet and then on mainnet Handled backend processes and API structures and types of API required.

Environment: Binance Chain, web3.js, Metamask, ReactJS, Solidity, NodeJS, Moralis

Airdrop Reward Coupon (R & D) Internal Project

Work on Seedify-fund Frontend and Integrate Web3 on it

My Responsibilities:

- Integrate Metamask and Wallet connect to the application.
- Integrate Airdrop token and NFT distribution functionality and test all these functionalities and proper web3 interaction and calling blockchain functions and data from the frontend side.
- Integrate lazy NFT functionality and Create RestAPIs to store NFT details on the database.

Environment: ReactJS, Web3.js, Binance Chain, Nodejs, Metamask, WalletConnect, MongoDB

TECHNICAL SKILLS

Language and Framework:

HTML5, CSS, Javascript, ReactJS, Redux, ExpressJS, NodeJS, Web3JS, Bootstrap, Styled Components

Database:

MongoDB Database

Software and Editors:

Postman, FileZilla, VSCode, Remix

Source Control:

Git (GitHub),

COURSES AND CERTIFICATES

- Cutshort Certified Javascript – Advanced.
 - Cutshort Certified React.Js.
 - Cutshort Certified NodeJS.
 - The Complete Web Development Bootcamp.
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SOFT SKILLS

Teamwork, Decision-Making, Adaptability, Problem-solving, Time management, Collaboration

EDUCATION

Chandigarh Group of College, Jhanjeri

Under Graduate, Bachelor of Computer Application

(August 2019 - July 2022)

8.46 CGPA

Govt. Polytechnic Kotdwara

Diploma, Computer Science

(August 2014 - July 2017)

68.66%

Maharishi Vidya Mandir (CBSE)

Intermediate School, PCM

(April 2012 - May 2014)

56.4%

Maharishi Vidya Mandir (CBSE)

High School

(March 2011 - March 2012)

7.0 CGPA

PERSONAL DETAILS

Total Experience	:	1 Year 7 Months
Current Location	:	New Delhi
Date of Birth	:	Dec 10, 1996
Gender	:	Male
Marital Status	:	Single / Unmarried