Mayank Patidar

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EDUCATION

- **B.Tech. (ECE)**, IIIT Nagpur   *2020 - 2024*
- **Senior Secondary**, MP Board, 85.60%   *2020*

EXPERIENCE

- **ThinkMetal Pvt. Ltd.**   *Dec. 2023 - current*
  Software developer intern (6 months)   Chennai, India
  - Developed frontend for tauri desktop app, website (thinkmetal.in) and printer's controller screen from scratch.
  - Backend development, management and deployment on raspberry pi and AWS.
  - Improved developer experience by automating deployment and server setup through scripting and CI/CD, reducing manual tasks and increasing efficiency.
  - Implemented features like 3D model rotation to enhance functionality.
  - Resolved various issues to ensure the desktop app is bug-free, stable, repeatable, and reliable.
  - **Tools & technologies**: React.js, Next.js, Context API, module CSS, Socket.IO, React Three Fiber, Express.js, MongoDB, PM2, Github Workflows, Linux, Docker, AWS

- **Zenifin technologies Pvt. Ltd.**   *Feb 2023 - June 2023*
  Blockchain developer intern (4 months - Remote)   Github
  - Developed a Web3 credit system from scratch using React.js, Express.js, and SQL.
  - Developed smart contracts (Solidity), explored decentralized databases, decentralized identity systems, and more.

PROJECTS

- **NFT Marketplace**   *Jan. 2023*
  https://nft-marketplace-mkpatidar.netlify.app   Docker Image | Github
  - **Tools & technologies**: Docker, Solidity, React.js, Context API, IPFS/Pinata, Hardhat, Ether.js, Openzeppelin, Sepolia.
  - **About :** A functional UI for an NFT marketplace, enabling creation and viewing of NFTs. User-uploaded images are sent to IPFS (decentralized database), generating a unique CID used to mint NFTs via smart contracts. Minted NFTs can be retrieved using their unique ID through Pinata API integration.

- **File Server**   *May. 2024*
  https://github.com/mayankpatidar275/file-server   Github
  - **Tools & technologies**: Tauri, React js, Tailwind CSS, mDNS
  - **About:**
    * This desktop application enables you to effortlessly select and share directories from your system across the local network, operating in a read-only mode.
    * It automatically detects the running servers in the network at the client-side.
    * Seamless navigation through served files and folders using the integrated file explorer upon connecting to any available server via the client interface.
  - **Features under development:** Upload, Download, Create, Edit, and Search files and folders.

- **Entertainment hub**   *Oct. 2023*
  https://entertainment-hub-mkpatidar.vercel.app/   Github
  - **Tools & technologies** : NextJS, Typescript, MongoDB, Tailwind, JWT, Redux toolkit, Axios, Iframe, jsonwebtoken, bcryptjs, Vercel.
  - **About**: It is a full-stack project with implemented authentication, and it currently features these fun activities: Jokes generator, Jump the obstacles game - css animations, Keyboard drum, Bubble game.

COURSES TAKEN

- Data Structure and Algorithms, DBMS, Object Oriented Programming, Operating System, Blockchain and Web3.0, Bitcoin working in depth, IoT, Flutter

TECHNICAL SKILLS

- **Programming, tools & framworks:** C++, JavaScript, HTML, CSS, React.js, Redux, NextJS, REST API, Git/GitHub, SQL, Express.js Mongodb, Docker, Tailwind, Typescript, Webpack, scss, Flutter, Firebase.

CODING PROFILES

Leetcode: mkpatidar   **GFG:** mayankpatidar275   **Codechef (2 stars):** mkpatidar