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) + full time

Chennai, India

- Developed frontend for tauri desktop app, admin dashboard, 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, Shaden, Socket.IO, React Three Fiber, Express.js, MongoDB, PostgreSQL, 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

• WeTeach

June. 2024

Github

Tools & technologies: Microservices, Docker, Nginx api gateway, Google Cloud Platform, Nextjs, NextAuth.js,
 Typescript, VanillaJS, Shaden, Tailwind CSS, Stripe, Mux, Prisma, MySql, Axios

- About:

- * Implemented authentication, progress tracking, chapter completion, and features for course creation, editing, publishing, browsing, filtering, and purchasing.
- * Managed attachments, HLS playback, and integrated a text editor for descriptions and drag-and-drop chapter reordering. Created dashboards and course analytics for publisher.
- * Built "FunZone" for interactive games as separate microservices, served by an Nginx **reverse proxy**. Hosted the complete project on Google Cloud Platform.

• File Server

May. 2024

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.

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, Context api, 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