# MAYANK PATIDAR

Indore, Madhya Pradesh

📞 +91-8959050275  👤 Portfolio  ✉ mayankpatidar275@gmail.com  in LinkedIn  ⦿ GitHub

## Experience

**ThinkMetal Pvt. Ltd.**                                            Dec 2023 – current
*Software Developer*                                                *Chennai, Tamil Nadu*

- Build and contributed to multiple projects using a variety of technologies.
- **Implemented new features** such as 3d model rotation and face highlighting on hover. Enhanced and refactored styling. Resolved bugs to ensure a stable, reliable, and repeatable desktop application.
- Built and deployed the **Admin Panel** dashboard for ThinkMetal **from scratch** to manage 3D printers, users, software, and access controls. Integrated **OAuth 2.0** for authentication.
- Enhanced the **Website** ↗ by implementing updates based on design team specifications and evolving project needs.
- Developed the 3D printer controller screen **Frontend from scratch**.
- **System design** and development of the **Over-the-air**(OTA) update for the 3d printer backend.
- Managed backend development and deployment on Raspberry Pi and AWS. Automated deployment and server setup using scripting, **improving developer experience** and operational efficiency.
- **Tools & technologies**: React.js, Tauri, Next.js, TypeScript, TanStack Query, React Router, Context API, Module CSS, Shadcn, Tailwind, Socket.IO, Zod, Three.js, Three React Fiber, Express.js, MongoDB, Prisma, PostgreSQL, PM2, SSH, CI/CD, Github Workflows, Linux, Docker, AWS, OAuth 2.0.

**Zenifin technologies Pvt. Ltd.**                                  Feb 2023 – June 2023
*Blockchain Developer Intern (4 months - Remote)*                   *Github*

- Developed a Web3 credit system using React.js, Express.js, and SQL.
- Developed smart contracts (Solidity), explored decentralized databases, decentralized identity systems, and more.

## Skills

**Languages**: C++, JavaScript, TypeScript, SQL
**Technologies/Frameworks**: HTML, CSS, React.js, Redux, Context API, Next.js, REST API, Git/GitHub, SQL, Express.js, Mongodb, Docker, Tailwind, Typescript, Webpack, Rollup, SCSS, Flutter, Firebase.
**Concepts**: Data Structures and Algorithm, Object Oriented Programming, Systems Design, Database Management System, Operating System, Computer Networks, Blockchain

## Projects

**WeTeach (LMS system)** ↗ | ⦿                                      June 2024

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

**File Server** ↗ | ⦿ | *Tauri, React js, Tailwind CSS, mDNS*        May 2024

- 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 is a GUI for the open-source CLI software **dufs** (built in **Rust**), with **additional features** like 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.

## Education

**Indian Institute of Information Technology, Nagpur**               2020 – 2024
*Bachelor of Technology in ECE*                                      *Maharashtra*

## Coding Profiles

**LeetCode** ↗        **CodeChef** ↗        **GeeksforGeeks** ↗