Manav Bhatt

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EDUCATION

Motilal Nehru National Institute of Technology, India　　　　　　　2022 – Present
B.Tech Biotechnology　　　　　　　　　　　　　　　　　　　　　　　　**CPI: 7.75**

Omkarananda Saraswati Nilayam, India　　　　　　　　　　　　　　2021 – 2022
Intermediate Indian School Certificate　　　　　　　　　　　　**Percentage: 94.5**

Omkarananda Saraswati Nilayam, India　　　　　　　　　　　　　　2019 – 2020
Matriculation Indian Certificate of Secondary Education　　　　　**Percentage: 96.6**

WORK EXPERIENCE

Lossfilter　　　　　　　　　　　　　　　　　　　　August – September, 2024
Software Developer Intern

- **Developed** and implemented multiple user flows for the company's website using Next.js, ensuring seamless user experiences.
- **Collaborated** with backend engineers to test and integrate APIs into the frontend using Swagger, maintaining clear communication for efficient development.
- **Delivered** on-time project demos to senior stakeholders, showcasing completed flows and ensuring alignment with deadlines.
- **Acquired** proficiency in Bitbucket for managing workflows, repositories, and pull requests, streamlining development processes.

PROJECTS

Dedundesk - Expense tracker and budget management WebApp

- Built a full-stack financial management application using **Next.js**, leveraging API Routes and ServerActions for robust backend services.
- Implemented secure authentication and authorization workflows with **Clerk**, ensuring a seamless and safe user experience.
- Designed and optimized a responsive UI using **Tailwind CSS, Shaden UI,** and interactive data visualizations with Recharts for dynamic financial insights.
- Managed database operations with **Prisma ORM and integrated PostgreSQL on Vercel** for efficient transaction handling and historical data aggregation.

Portals - Real-time Collaborative Whiteboard

- Engineered a high-performance, real-time collaborative whiteboard application using **Next.js**, leveraging a reactive backend with **Convex** and real-time state synchronization with **Liveblocks** for seamless visual teamwork.
- Implemented a comprehensive toolset including shapes, text, sticky notes, and a **layering functionality**, providing a full-featured digital canvas with **undo**/**redo** capabilities and keyboard shortcuts for a fluid user experience.
- Integrated secure authentication and organization management with **Clerk**, working in tandem with Convex to handle authorization and access control for private workspaces and invitation systems via **JWT tokens**.
- Designed and styled a modern, responsive user interface using **Tailwind CSS** and **shadcn/ui**, ensuring a consistent and accessible design system for a wide range of interactive features and functionalities.

TECHNICAL SKILLS

- **Languages:** C++, JAVA, Javascript, Typescript, HTML, CSS, SQL

- **Frameworks:** React.js, Node.js, Next.js, Tailwind CSS, Bootstrap, React Query (TanStack Query)

- **Developer Tools:** Visual Studio Code, IntelliJ IDEA, Pycharm, Git, Bitbucket, Github, Vercel, Prisma, MongoDB Compass, Swagger (OpenAPI)

- **Additionals:** Fluent in Graphic design softwares like Adobe Photoshop and Adobe Illustrator

ACHIEVEMENTS

1st Position Springfest	Bran-D competition held under Springfest, IIT Kharagpur	2024
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1st Position Chitasangam	Cinegraphic Dreams held under Chitrasangam	2023
1st Position - Culrav	Sales Pitch held under the Cultural fest of MNNIT	2024

POSITIONS OF RESPONSIBILITY

Mentor, Student Mentorship Program(SMP):　　　　　　　　　Oct 2023 – Present
Mentored a total of 50+ students over academic issues faced by them through their college life.

Designer, Media House of MNNIT:　　　　　　　　　　　　　Dec 2022 – Present
Have worked, coordinated and oversaw the design work through multiple events conducted in College.