YASH KUMAR SINGH

Gwalior, Madhya Pradesh

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Education

Indian Institute of Information Technology Gwalior　　　　　　　　Nov. 2022 – May 2026
Bachelor of Technology in Information Technology　　　　　　　　*Gwalior, Madhya Pradesh*

Macro Vision Academy, Burhanpur Madhya Pradesh, India　　　　　July. 2020 – May 2022
CBSE (Class XII)　　　　　　　　　　　　　　　　　　　　　*Burhanpur, Madhya Pradesh*

Projects

Narrative Nexus | *Next.js, Recoil, Docker, Node.js, PostgreSQL, Prisma*　　　　　May 2024
- Leveraged Next.js for both the frontend and backend, providing a high-performance and SEO-optimized interface with a 15% increase in loading speed.
- Employed state management with Recoil, achieving a 24% enhancement in real-time interactivity.
- Utilized PostgreSQL with Prisma ORM for efficient database management, ensuring robust data integrity and seamless scaling.

Gamers Galaxy | *Next.js, Recoil, Node.js, MongoDB, Express.js, Versel*　　　　December 2023
- Established Gamers Galaxy, an E-Commerce platform centered on gaming equipment, presenting a diverse selection of products for gaming enthusiasts with a visually appealing interface.
- Utilized Next.js to build a frontend, delivering an impressively performing and SEO-friendly interface with a 15% boost in loading speed. Implemented state management with Recoil, resulting in a 24% improvement in real-time interactivity.
- Integrated MongoDB as the database to store and manage detailed product information.

Quick Wallet | *Next.js, Recoil, Node.js, MongoDB, Express.js, Versel*　　　　February 2024
- Conceptualized and implemented Quick Wallet, an innovative online payment solution to the modern user's need for seamless and secure digital transactions.
- Constructed the front end of Quick Wallet using Next.js to shape a responsive and user-friendly interface. Employed Recoil as the state management solution, ensuring an interactive experience for users handling their digital funds.
- Developed a robust backend with Node.js and Express.js, the backend integrates with MongoDB to maintain a reliable and scalable database infrastructure, ensuring the security and integrity of user data.

Technical Skills

Languages: TypeScript, JavaScript, C++, C, Python, HTML/CSS
Library and Frameworks: React.js, Next.js, Node.js, Express.js, Tailwind CSS, Recoil, Redux
Database: MongoDB, MySQL, PostgressSQL
Other tools: Git, GitHub, Postman, Versel, ShadCN, Zod

Technical Subjects

- Database Management
- Operating System
- OPPS.
- Computer Networks

Academic and Extracurricular Achievements

- 2-Star coder in Code-Chef.
- 5-Star coder in C++ on Hackerrank.
- 100+ Questions on LeetCode and GeeksForGeeks.

Positions of Responsibility

Uthaan IIITM | *Ex Member*　　　　　　　　　　　　　　　　　December 2023
- Handled the technical department, actively contributing by crafting designs for events, Celestia organized By Uthaan.

Aurora 2024 | *Volunteer*　　　　　　　　　　　　　　　　　　January 2024
- Actively engaged as a Volunteer in the technical department for the annual college fest, Aurora 2024.