SUSHIL KUMAR

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Gurgaon, Haryana, 122002 (India)

SUMMARY

Full Stack Developer with a strong passion for creating interactive real-world applications using React, Next.js and Node.js. Proficient in problem-solving and passionate about crafting seamless user experiences and developing robust full stack applications. Committed to leveraging modern frameworks and best practices to deliver high-quality, scalable solutions.

SKILLS

- **Frontend**: React, Next.js, HTML, CSS, Tailwind CSS, JavaScript, TypeScript, Redux Toolkit, Context API
- **Backend and Databases**: Node.js, Express.js, Django, REST API, MongoDB, PostgreSQL, Prisma ORM, SQL, NoSQL
- **Languages and Tools**: C/C++, Python, Java, JavaScript, Git, GitHub, VS Code, Postman, Swagger

PROJECTS

Flatmates — ⭘ backend — ⭘ frontend

- Developed a full-stack web app for listing and searching flatmates/roommates within multiple cities with the functionality of adding, deleting, save listings for later and search by city with advance filters boosting user engagement by 20%.

- Utilized ReactJS, React Router for seamless routing resulting in a **35% improvement in performance** and Implemented secure user authentication (signup, login, logout) using JSON Web Token(JWT) reducing onboarding time by 30% .

- Integrated a RESTful API with Node.js, Express.js, MongoDB for scalable data management and CORS for smooth backend communication, while optimizing state management with Redux Toolkit to **reduce data fetch time by 25%**.

- Crafted a mobile-optimized, responsive user interface, increasing user interaction by 30%, with the app deployed on Vercel (frontend) and Render (backend), and the codebase hosted on GitHub for collaboration.

Micropost — ⭘ backend — ⭘ frontend

- Developed a social networking and microblogging web app enabling users to share short messages with images, news, jobs, updates, and promote businesses and arts.

- Implemented user authentication (sign-up, login, logout) and features like create, like, bookmark for managing posts and user interactions, enhancing user retention by 30%.

- Built with ReactJS for the frontend and integrated a REST API using Node.js, Express.js, and MongoDB for the backend, **achieving a 40% improvement** in application performance.

- Incorporated React Router for seamless navigation, along with JWT for secure authentication, bcryptjs for password encryption, and Redux Toolkit for state management, **accelerating data retrieval speed by 20%**.

- Designed a mobile-first responsive UI with Cloudinary for image management, ensuring a modern user experience, and hosted the application on GitHub with deployment on Render (backend) and Vercel (frontend) for **optimal performance and 99% uptime**.

Task Master — ⭘ code

- Developed a task management web app that allows users to add, edit, delete, and mark tasks as complete, improving day-to-day task tracking **efficiency by 40%**. Utilized ReactJS for the frontend and Vite as the build tool for enhanced performance and faster load times, while persisting user data in local storage.

- Managed state using the Context API to ensure seamless task operations and optimized the app with a mobile-first responsive design, focusing on engaging user interactions, which resulted in positive feedback.

- Hosted the application code on GitHub for accessibility and collaboration and deployed it on Vercel for fast, reliable hosting with 99% uptime.

EDUCATION

- **Master of Computer Applications (MCA)**   NRI Institute of Information Science and Technology
  July 2023 – June 2025

HOBBIES

- Playing Cricket