

ROSHAN KUMAR

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Education

Harcourt Butler Technical University

Master of Computer Application (7.73 cgpa)

2022 – 2024

Kanpur, UP

MCRPV University

Bachelor of Computer Application (7.88 cgpa)

2018 – 2021

Bhopal, MP

Profile

Passionate web developer with a strong foundation in full-stack technologies and a sharp eye for clean, efficient code. Skilled in building responsive user interfaces with React and TailwindCSS, managing state with Redux Toolkit, and developing backend services using Node.js and MongoDB. Focused on creating scalable solutions that prioritize performance, usability, and simplicity. Always learning, always building.

Relevant Coursework

- Data Structures
- Operating Systems
- Artificial Intelligence
- Computer Network
- Database Management
- Computer Architecture

Projects

devLobby | *Node.js, Express.js, MongoDB, React, React Router, Redux Toolkit, TailwindCSS, DaisyUI, JWT*

- Designed and developed a developer connection platform inspired by Tinder.com to enable collaboration among developers.
- **Backend:** Built a robust server-side architecture using Node.js and Express.js, with JWT (JSON Web Tokens) for secure authentication and validation of users. Integrated MongoDB to store user profiles, connection requests.
- **Frontend:** Created an interactive and responsive user interface using React, styled with TailwindCSS and DaisyUI. Implemented seamless navigation and routing with React Router and ensured efficient state management using Redux Toolkit.
- **Key features:**
 - Users can send connection requests to other developers based on their skills and interests.
 - Users can update their profiles with new skills, interests, and personal information.
 - Used JWT for user authentication and to validate requests, ensuring data privacy and security.

KhaoPiyo | *React, React-router, Redux-toolkit, TailwindCSS, CSS*

- Developed a high-performance and responsive food ordering app, leveraging Swiggy's live API to deliver real-time data to users.
- Implemented shimmer effect, chunking, and Single Responsibility Principle to enhance user experience.
- Used Redux Toolkit for efficient state management, enabling seamless communication between components and tested them using Jest.

Technical Skills

Web Development: HTML , CSS , Node.js , Express.js

Languages: JavaScript, Java, C++

Libraries/Frameworks: React, Redux Toolkit, Tailwind CSS

Developer Tools: VS Code, Git , Github

Database: MongoDB

Achievements

- * Secure AIR 640 in NIMCET 2022.
- * Qualified UGC-NET in 2024.