

SHIV PRASAD SHARMA

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PROFESSIONAL SUMMARY

Full stack developer with frontend and backend expertise, equipped with a strong foundation and eager to contribute as a fresher.

TECHNICAL SKILLS

- Programming Languages: JavaScript, basic knowledge of TypeScript
- Frontend: JavaScript, ReactJS, Redux, NextJS, basic knowledge of TypeScript
- Backend: NodeJS, ExpressJS
- Database: MongoDB, Redis

PROJECTS

[Music Academy Website](#) - Frontend and Backend Development

Tech Stack: HTML, CSS, Tailwind CSS, ReactJS, NextJS, NodeJS, MongoDB, TypeScript, Redis

- Frontend: Next.js for server-side rendering and logic, TypeScript for type checking, Tailwind CSS for responsive design, and React Hooks for state management.
- Backend: Next.js manages backend logic and API routes, Axios ensures smooth frontend-backend communication for HTTP requests.
- Database: MongoDB with Mongoose for structured schema and efficient data handling, Redis for caching and real-time data processing.
- Authentication: JWT for secure user sessions and permissions, integrated with Next.js for authentication and authorization.
- Features: React Toastify for customizable notifications, enhancing user interaction with real-time feedback and alerts.

[Clothing E-Commerce Website](#) - Frontend Development (Ongoing Project)

Tech Stack: HTML, CSS, Tailwind CSS, Vite, ReactJS, Redux, Redux Toolkit

- Frontend: Built using Vite for fast development and optimized builds, ReactJS for a dynamic, component-based architecture, and Tailwind CSS for a responsive, modern design.
- User Interface: Designed an intuitive UI with features like product browsing, filtering, and search functionality to enhance user experience.
- State Management: Implemented Redux and Redux Toolkit for efficient global state management, ensuring consistent data flow and scalability across the application.
- Responsive Design: Used Tailwind CSS to create a mobile-first, fully responsive design that adapts to various devices.
- Performance: Leveraged Vite's fast build and hot-reloading for optimized development, along with lazy loading techniques for images and components to enhance performance.
- Current Work: Actively working on adding more features and improving overall user experience.

EDUCATION

University of Technology, Vatika | Bachelor of Computer Applications | Expected Graduation: June 2025

ADDITIONAL INFORMATION

Actively engage in personal projects and coding challenges to expand technical proficiency and problem-solving skills. Enthusiastic learner with a strong interest in exploring emerging technologies and their applications in software development.