Shashank Kumar

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Education

Malaviya National Institute of Technology, Jaipur, M.Tech. in Computer Science and Engineering 2025 – present

Indian Institute of Information Technology, Kota, B.Tech. in Computer Science and Engineering 2021 – 2025
CGPA: 8.11/10

VIP Inter College 2018 – 2021
10th Grade – 92%, 12th Grade – 90.2%

Professional Experience

Moreshop Solutions Mar 2024 – Jun 2024
Frontend Developer Intern Remote

- Contributed to the development of a scalable multivendor e-commerce platform, ensuring a seamless user experience and efficient backend integration.
- Built dynamic and responsive user interfaces, including interactive forms, sliders, and real-time text updates using React Hook Form, Swiper, and Recoil.js.
- Reduced API calls by 20-30% through optimized state management with Recoil.js, improving performance and lowering server costs.
- Tech Stack: Next.js, TypeScript, MongoDB, Tailwind, ChakraUI, Express.js, Node.js

Projects

Dynamic Form Builder 🔗 **Live** 🔗 **GitHub** May 2025

- Built a fully responsive form builder app that enables users to design custom multi-step forms with drag-and-drop functionality.
- Includes dark/light mode, form previews, reusable templates, and local storage-based draft saving.
- Tech Stack: **React.js**, **Tailwind CSS**, **React DnD**, **UUID**, **Typescript**, **LocalStorage**.

Edtech Platform – StudyNotion 🔗 **Live** 🔗 **GitHub** Dec 2023

- Developed a comprehensive online education platform with authentication mechanisms, secure payment gateways, password encryption, and role-based access control for personalized course delivery.
- Tech Stack: **React.js**, **Tailwind CSS**, **Node.js**, **MongoDB**, **Express.js**, **REST API**, **Razorpay Payment Gateway**.

TypeMaster – Typing Practice Web App 🔗 **Live** 🔗 **GitHub** Jan 2025

- Created a typing practice platform with real-time WPM, accuracy tracking, and customizable difficulty settings for enhancing typing skills.
- Integrated responsive design, dynamic text generation, and performance analytics.
- Tech Stack: **React.js**, **Tailwind CSS**, **Node.js**, **Express.js**, **MongoDB**, **Chart.js**.

Expense Tracker 🔗 **Live** 🔗 **GitHub** Nov 2024

- Designed a user-friendly personal finance app for managing expenses with chart-based visualizations and CRUD operations.
- Implemented Redux for state management and Chart.js for graphical summaries of user activity.
- Tech Stack: **React.js**, **Redux.js**, **Tailwind CSS**, **Node.js**, **MongoDB**, **Express.js**, **Chart.js**.

Skills

Programming Languages: C++, C, JavaScript, Python
Technologies: React.js, Next.js, Tailwind, Node.js, Express.js, TypeScript, HTML, CSS, ChakraUI, Redux.js, Recoil.js, Socket.io
Database: MongoDB and SQL.
Academic Concepts: Operating Systems (OS), Computer Organization and Architecture (COA), Database Management Systems (DBMS), Computer Networks (CN), Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP).

Achievements

- **3* Coder at CodeChef** and **600+ question on leetcode.** 🔗 CodeChef Profile 🔗 Leetcode Profile
- **GATE 2025** - Achieved score 638.