

Shantanu Kumar

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Professional Summary

MERN Stack Developer with 1+ years of experience turning bold ideas into powerful, real-time web apps. From blazing-fast UIs to secure, scalable backends — I build clean, production-ready solutions that deliver real impact.

EDUCATION

Examination	University	Year
B. Tech	Bhabha Engineering Research Institute	2022
CBSE (Class XII)	Jai Hind Public School	2018
CBSE (Class X)	St. Stephens School, Hazaribagh	2015

EXPERIENCE

- MERN Stack Developer | Skywalk Technology Pvt Ltd.** (March 2024 - Present)
 - Developed **real-time customer support chat system** using React.js, Node.js and Socket.IO, reducing response time by 40%
 - Optimized **MongoDB queries** and indexing strategy, improving query performance by 35%
 - Built company website with **React.js and Tailwind CSS**, achieving 100% mobile responsiveness
 - Implemented **JWT authentication** and **RESTful APIs** for secure data transmission
 - Tech Stack:** React.js, Node.js, Express.js, MongoDB, Socket.IO, Tailwind CSS, Git
 - Codeuth Company Website |** React.js, Tailwind CSS [Live Link](#)
 - Developed and deployed the official company website using **React.js** and **Tailwind CSS**
 - Implemented **responsive design** ensuring optimal viewing on all devices (mobile, tablet, desktop)
 - Optimized website performance achieving **95+ PageSpeed Insights score** through code splitting and lazy loading
 - Integrated **modern UI components** with smooth animations and transitions for enhanced user experience
 - Implemented **SEO best practices** including semantic HTML and meta tags for better search visibility
 - Key Features:** Responsive Layout, Fast Loading, Accessibility Compliance, Cross-Browser Compatibility

TECHNICAL PROJECTS

- Netflix-GPT |** React.js, Node.js, TMDB API [GitHub](#)
 - Developed streaming platform with **user authentication** and **TMDB API integration**
 - Implemented **AI-powered search** using natural language processing techniques
 - Added **multilingual support** for global accessibility
 - Focused on **security measures** including encryption and secure API communication
- YouTube Clone |** React.js, Redux [GitHub](#)
 - Built YouTube-like platform with **video suggestions** and **live keyword search**
 - Implemented **Redux** for state management with caching optimization
 - Developed **live chat** feature with nested comments system

TECHNICAL SKILLS

- Languages:** C/C++
- Frontend:** React.js, HTML5, CSS3, JavaScript, Tailwind CSS, Redux
- Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication
- Databases:** MongoDB, Mongoose, Database Optimization
- Real-Time:** Socket.IO, WebSockets
- Tools:** Git, GitHub, Vercel, Netlify, Heroku

CERTIFICATIONS

- [Namaste React](#) - Comprehensive React.js Course
- [Namaste NodeJs](#) - Node.js and Backend Development Course
- [Hackerrank](#) - Problem Solving (Basic) Certificate

LANGUAGES

- English (Professional Proficiency)
- Hindi (Native Proficiency)
- Maithili (Native Proficiency)