

Kartik Singh

Frontend Developer

✉ tkartik0661@gmail.com ☎ 879-130-3207 📍 Aligarh 🔗 Portfolio 🌐 LinkedIn

PROFESSIONAL SUMMARY

Frontend Developer with 3+ months of experience building scalable React applications and ERP dashboards for production environments. Skilled in JavaScript ES6+, TypeScript, Redux/RTK, and responsive web design. Proven expertise in API integration, performance optimization, and agile development methodologies. Experienced with version control, unit testing, and cross-browser compatibility.

EXPERIENCE / INTERNSHIP

Nestbotics Automation Pvt. Ltd., *Frontend Developer Intern* 05/2025 – 08/2025

- Architected and deployed React ERP modules (Inventory, Purchase) using reusable components, reducing code duplication by 75% through component-driven design
- Orchestrated REST API integration, data validation, and role-based dashboards for analytics.
- Spearheaded real-time reporting tools development and dynamic PDF generation (React-PDF) for student assessment reports, ensuring cross-browser compatibility.

EDUCATION

Kalinga University, *B.Tech - Computer Science & Engineering* 2021 – 2024 | Naya Raipur(C.G)

Vivekananda College of Polytechnic, 2017 – 2020 | Aligarh(U.P)
Diploma - Computer Science

TECHNICAL SKILLS

Languages & Frameworks: React.js, Redux/RTK, JavaScript, TypeScript, HTML5, CSS3, SASS, Tailwind CSS, Material UI

Tools & Technologies: Git/GitHub, Firebase, Postman, REST APIs, Vercel

Testing & Development: Unit Testing, Responsive Design, Cross-Browser Compatibility, Performance Optimization

PROJECTS

Kai — AI Chat Agent, | *React, Bun, Node.js, LangChain, OpenAI API, Tailwind CSS, Render, Vercel* 🌐

- Engineered a full-stack conversational AI agent with contextual memory and LangChain-powered responses using OpenAI API integration.
- Implemented React frontend with dark/light theme, markdown rendering, and persistent chat threads achieving optimal user experience.

CineFlix, *Movie Streaming Platform* | *React, RTK, Firebase, TMDB API, Tailwind CSS* 🌐

- Developed a movie streaming application with authentication, infinite scrolling, and recommendation engine functionality.
- Optimized state management via RTK and enhanced API fetch performance, reducing load times by 40%.

Food-App, *Restaurant Ordering System* | *React, RTK, Swiggy API, Tailwind CSS* 🌐

- Designed a restaurant ordering interface with live data and cart management.
- Integrated real-time API updates.