

NITIN KUMAR SINGH

Full Stack Web Developer

📞 +91 8851074556 | ✉️ dear.nk.comrade@gmail.com | 🌐 Portfolio | 🔗 LinkedIn | 🐙 GitHub

PROFESSIONAL SUMMARY

Passionate Full Stack Web Developer and Computer Science student with 2+ years of hands-on experience in **MERN Stack development**. Proven expertise in building scalable web applications using **React.js, Node.js, MongoDB, Express.js**. Smart India Hackathon finalist with demonstrated skills in **AI integration, RAG systems, and responsive web design**. Strong foundation in **JavaScript, TypeScript, Python**. Seeking to leverage technical expertise in a challenging web development role.

TECHNICAL SKILLS

Frontend Technologies: JavaScript, TypeScript, React.js, Next.js, HTML5, CSS3, Responsive Design

Backend Technologies: Node.js, Express.js, RESTful APIs, Server-side Rendering

Databases: MongoDB, MySQL, Vector Databases, Database Design

Cloud & DevOps: Vercel, Netlify, AWS, Git, GitHub, CI/CD

UI/UX Frameworks: TailwindCSS, Shadcn UI, Chakra UI, Aceternity UI, Magic UI, Bootstrap

Programming Languages: JavaScript, TypeScript, Python, C++, Java, C

AI/ML Technologies: HuggingFace Transformers, Vector Embeddings, RAG Systems, OpenAI APIs

Development Tools: VS Code, Postman, Chrome DevTools, Figma, npm/yarn

EDUCATION

Bachelor of Technology - Information Technology & Mathematical Innovation

Cluster Innovation Centre, University of Delhi

2022 – 2026

New Delhi, India

PROJECTS

PixelPrompt: Text-to-Image Generation Platform | 🌐 Live | 🐙 Code

June 2025

- Built a full-stack Next.js web application that transforms user-provided text into AI-generated images using APIs like OpenAI, Replicate, or HuggingFace
- Implemented user authentication via NextAuth with optional Google OAuth and integrated Razorpay for secure payment processing

PDF RAG Bot: Intelligent Document Q&A System | 🌐 Live | 🐙 Code

May 2025

- Developed AI-powered conversational chatbot using **Retrieval-Augmented Generation (RAG)** that extracts intelligent answers from uploaded PDF documents.
- Implemented semantic search using **vector embeddings** and **HuggingFace Transformers** with **MongoDB vector store**

– Built using **Next.js, TypeScript, TailwindCSS** with real-time query responses and file upload functionality

Convoke 7.0 - College Tech Event Platform | 🌐 Live | 🐙 Code

Jan 2025

- Designed and developed official website for college tech fest using **React.js**, serving 500+ concurrent users during registration
- Implemented **responsive design** and optimized UX resulting in 40% increase in event registrations
- Integrated real-time event updates, registration system, and interactive schedule with mobile compatibility

WealthWare: Financial Management Portal | 🌐 Live | 🐙 Code

Aug 2024

- Built comprehensive financial management web application using **Vite + React** with budgeting and expense tracking features
- Developed automated invoice generation and inventory management using **Node.js** and **FireBase**
- Implemented secure user authentication, data visualization dashboards, and financial analytics

ACHIEVEMENTS & RECOGNITION

Smart India Hackathon 2024-25 Finalist

2024-2025

- Selected among top teams nationwide for innovative technology solution addressing real-world problems
- Demonstrated exceptional problem-solving skills and technical expertise in competitive environment

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native)

Interests: Web Development Trends, AI/ML Applications, Open Source Contributing, Tech Blogging

Location: New Delhi, India | Open to relocation