# NAWIN KUMAR SHARMA

**Full Stack Developer— GenAI developer**

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## SUMMARY

Full stack developer with a strong foundation in TypeScript, MERN stack, and Next.js. Experienced in building scalable, user friendly web applications that solve real problems. Familiar with GenAI tools like LangChain, Vercel AI SDK.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, Java
**Frontend:** React, Next.js, Tailwind CSS, Shadcn/UI
**Backend:** Node.js, Express.js, Socket io, redis, kafka, Hono, RESTful APIs
**Database:** MongoDB, PostgreSQL, Prisma ORM
**AI:** AI SDK, Langchain, Langgraph, tools calling
**DevOps & Tools:** Docker, Git, CI/CD, AWS EC2, S3 Bucket,Turborepo

## PROFESSIONAL EXPERIENCE

**Full Stack Web Developer**                                                      Mar 2024 – June 2024
*theStaffRoom*                                                                  *Bengaluru, India (Remote)*

- Architected and built complete web platform from scratch using Next.js, TypeScript, and Tailwind CSS, serving 1000+ daily active users
- Integrated Google Maps API and authentication system, reducing user registration time by 40%
- Engineered web scraping module to automate data collection from 500+ educational institutions, improving data accuracy by 60%
- Optimized application performance achieving 25% improvement in Lighthouse scores and A+ SEO rating
- Implemented CI/CD pipelines and enhanced accessibility to meet WCAG 2.1 standards, increasing user engagement by 35%

## KEY PROJECTS

**Shrinklyy-t3 - URL Shortener** ↗ | Next.js, T3 Stack                              **2024**

- Built high-performance URL shortening service using T3 stack (Next.js, TypeScript, tRPC, Prisma)
- Implemented analytics dashboard tracking 10,000+ shortened URLs with click metrics and user insights
- Achieved 99.9% uptime and 200ms average response time through optimized database queries

**CodexLite** ↗ | python, Openai                                                   **2023**

- Converts your CLI prompts into production-ready full-stack applications using OpenAI's API.%
- Built-in Tools: Includes file operations, server control, and terminal utilities for end-to-end development.
- Smart Context Management: Automatically summarizes conversations and manages long prompts efficiently to optimize token usage.

**Chat-with-Image AI Interface** ↗ | Next.js, Gemini API                            **2025**

- Enhanced interactive AI application enabling natural language conversations with images using Google Gemini API
- Implemented real-time image processing with 98% accuracy in object recognition and context understanding
- Achieved 300ms average response time for image analysis and conversation generation

## EDUCATION

**Jain Global Campus**                                                              **2022 – 2026**
*B.Tech - Computer Science and Engineering - **CGPA: 8.58/10***                      *Bengaluru, India*

**Trinity International College**                                                    **2020 – 2022**
*Higher Secondary Education - Science (Computer) - **GPA: 3.68/4.0***                *Kathmandu, Nepal*

## CERTIFICATIONS

**Paper – Comparative Study of Code Generation by AI Models** – *ICCRTEE 2025 – Kalasalingam Academy*   *May 2025*

**CCNAv7: Switching, Routing, and Wireless Essentials** – Cisco                      *Dec 2024*

**CCNAv7: Enterprise Networking, Security, and Automation** – Cisco                  *Dec 2024*