Abhijeet Singh

181, Street 9, Vishal Nagar, Ludhiana, Punjab

📞 +916239521161 ✉ as9184635@gmail.com 🔗 Abhijeet Singh ⌗ abhijeets54 🌐 Portfolio

EDUCATION

Guru Nanak Dev Engineering College <div align="right">Ludhiana, Punjab</div>
Bachelor of Technology in Information Technology <div align="right">*Sep. 2022 – May 2026*</div>

EXPERIENCE

Full Stack Developer <div align="right">Remote</div>
Prof. Prabhat Barnwal (Michigan State University) <div align="right">*Apr. 2025 – Present*</div>
- Led development of Peer Knowledge Exchange Platform serving Punjab government officers, improving platform speed and accessibility score 🌐 pkep
- Launched "Sewa Assist" WhatsApp chatbot that reduced officer response time, enabling instant access to program resources
- Implemented AI-powered on-site chatbot that decreased support tickets and increased self-service resolution rate
- Architected scalable infrastructure using TypeScript/Next.js frontend and Node.js/Express backend

Freelance Web Developer <div align="right">Remote</div>
Self-Employed <div align="right">*Jan. 2024 – Present*</div>
- Increased Ankkor e-commerce revenue by 45% through Next.js/TypeScript platform with Redis-powered inventory system serving 2000+ monthly customers 🌐 ankkor.in
- Boosted D2 Global Immigration client conversion via MERN stack platform, reducing onboarding time 🌐 d2global.in
- Scaled Initiators of Change NGO impact through a MERN stack platform managing volunteers and donations annually 🌐 initiatorsofchange.com

PROJECTS

#OOTD Demo | *AI-Powered Fashion Stylist* <div align="right">March 2025</div>
- Developed a personalized fashion recommendation platform using Next.js, TypeScript, and TailwindCSS with Clerk.js authentication, reducing dropout rates by 42% and increasing average session time by 3.5 minutes
- Implemented dynamic question generation with local Llama 3 model and created AI-generated outfit recommendations with interactive visualizations, increasing user engagement by 58% and social media sharing by 75%

Homely 🌐 Homely | *Full-Stack Food Delivery Platform* <div align="right">June 2025</div>
- Engineered a comprehensive home cooked food delivery marketplace connecting customers with home chefs using Next.js, Express and MongoDB , reducing order processing time by 35%
- Implemented AI-powered nutrition analysis using Google's Gemini API for personalized dietary recommendations and developed role-based architecture with secure authentication for customers and sellers

CERTIFICATIONS

CS50's Introduction to Computer Science <div align="right">December 2023</div>
Harvard University (edX)
- Gained strong foundation in computer science, mastering algorithms, data structures, and web development

CS50's Introduction to Artificial Intelligence <div align="right">January 2025</div>
Harvard University (edX)
- Mastered AI concepts including knowledge representation, neural networks, and machine learning models

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++
Technologies: React.js, Next.js, Node.js, Express.js, RESTful APIs
Databases: MongoDB, MySQL, GraphQL, Redis
Developer Tools: Git, GitHub, VS Code, Postman, Docker
AI/ML: Llama models, Generative AI, LLMs

LEADERSHIP / EXTRACURRICULAR

Initiators of Change <div align="right">Ludhiana, Punjab</div>
Volunteer Project Manager <div align="right">*Sep. 2022 – Present*</div>
- Led multiple initiatives aimed at youth engagement and community development, resulting in a 30% increase in volunteer participation
- Organized educational workshops and fundraising events, raising awareness on issues like education, mental health, and women's rights