

Abhijeet Singh

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🌐 Abhijeet Singh

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📁 Portfolio

EDUCATION

Guru Nanak Dev Engineering College

Bachelor of Technology in Information Technology

Ludhiana, Punjab

Sep. 2022 – May 2026

EXPERIENCE

Full Stack Developer Intern

Remote

Prof. Prabhat Barnwal (Michigan State University)

Apr. 2025 – Present

- 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

Remote

Self-Employed

Jan. 2024 – Present

- 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 📈 initiatorssofchange.com

PROJECTS

#OOTD Demo | AI-Powered Fashion Stylist

March 2025

- 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

June 2025

- 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

December 2023

Harvard University (edX)

- Gained strong foundation in computer science, mastering algorithms, data structures, and web development

CS50's Introduction to Artificial Intelligence

January 2025

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

Ludhiana, Punjab

Volunteer Project Manager

Sep. 2022 – Present

- 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