

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

PROJECTS

Initiators of Change 🌱 [View Project](#) | *MERN Stack (MongoDB, Express, React, Node.js)*

- Developed a full-stack web application for NGO operations with dynamic content and real-time updates, improving user engagement by 45% and volunteer sign-ups by 30%.
- Implemented robust donation tracking features and streamlined administrative workflows, reducing management overhead by 65% and increasing donation transparency.
- Built a responsive UI using React and Tailwind CSS with JWT/bcrypt authentication, ensuring optimal performance across devices and industry-standard data security.

D2 Global Immigration 🌍 [View Project](#) | *MERN Stack (MongoDB, Express, React, Node.js)*

- Designed and developed a responsive website for immigration services that increased conversion rates by 38% and reduced client onboarding time by 50%.
- Implemented custom form validations with EmailJS and multi-step user flow, ensuring a seamless process with a 95% completion rate across different service categories.
- Optimized page loading speed by 67% and improved SEO by implementing server-side rendering (SSR) with React and Node.js, boosting organic traffic by 42%.

#OOTD 🧑‍🎨 [View Project](#) | *AI-Powered Fashion Stylist (Next.js, Python, LLMs, Gen AI)*

- Developed a personalized fashion recommendation platform with Clerk.js authentication, reducing dropout rates by 42% and increasing average session time by 3.5 minutes.
- Implemented dynamic question generation using local Llama 3 model with 87% accuracy in adapting to user responses for tailored fashion advice.
- Created AI-generated outfit recommendations with interactive visualization and PDF export capabilities, increasing user engagement by 58% and social media sharing by 75%.

CERTIFICATIONS

CS50's Introduction to Computer Science

December 2023

Harvard University (edX)

- Gained a strong foundation in computer science, mastering topics like algorithms, data structures, and web development. Completed Python and C projects, applying problem-solving skills to real-world scenarios.

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++, C, HTML5, CSS

Technologies: Node.js, Next.js, React.js, Express.js, Flask.js, MongoDB, TailwindCSS

Developer Tools: VS Code, Git, GitHub, Docker

Databases: MongoDB, MySQL, GraphQL

AI/ML: Llama 3, 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, sanitation, and women's rights.