

ALKA RANI

B.Tech Computer Science Engineering Student

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9142974479

<https://alkarani022005-del.github.io/Portfolio>

Summary

B.Tech Computer Science Engineering student with strong fundamentals in C, C++, Java, Python, SQL, and MongoDB. Hands-on experience in full-stack web development, RESTful APIs, and database design through academic projects. Actively Seeking a Software Development / Web Development internship to apply problem-solving and programming skills.

Skills

- Programming languages: C, C++, Java, Python
 - Web Technologies: HTML, CSS, JavaScript
 - Databases: SQL, MongoDB
 - Core Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs)
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Projects

Khadi Bhandar Digitalization

- Developed a full-stack web application for product, order, and user management.
 - Implemented role-based authentication (Admin, Employee, Customer).
 - Designed MongoDB schemas and integrated RESTful backend APIs.
 - Performed CRUD operations to ensure efficient data handling.
 - Tech Stack: HTML, CSS, JavaScript, Node.js, MongoDB
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Personal Portfolio Website

- Designed and developed a modern, responsive portfolio website to showcase skills, projects, and résumé.
 - Created a dark-theme UI with smooth navigation, project sections, and a functional contact form.
 - Implemented downloadable resume feature and deployed the site using GitHub Pages for public access.
 - Demonstrates strong understanding of frontend development and clean UI/UX design.
 - Tech Stack: HTML, CSS, JavaScript
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Netflix Movie Recommendation System

- Built a machine learning-based movie recommender using Python, Scikit-Learn, TF-IDF, and Cosine Similarity.
 - Processed movie metadata (genres, cast, overview) using NLP techniques.
 - Developed a full pipeline for data cleaning, similarity scoring, and recommendation generation.
 - Created a simple Streamlit/Flask UI to display movie suggestions.
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Certifications & Achievements

Web Development Internship (Participation & Interview) - See Caller
Participated in web development internship assessment and interview process via Unstop.

Flipkart Runway: Season 5 - Online Assessment
Participated in a national-level online assessment organized by Flipkart.

Technology Fellowship - Algo university

Workshops & Summits Attended

AI Summit Delhi 2026 — Attendee (16–20 February 2026)
Participated in sessions on AI trends, LLMs, machine learning ethics, innovation, and industry expert talks.

Education

Banasthali Vidyapith

B.Tech (Computer Science)
July - 2023 present — **7.11**

Banasthali Vidyapith

Senior Secondary
July 2020 - Apr 2022 — **91.1%**

Language

Hindi, English , German (Beginner)
