

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)

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

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

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.

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)