Aradhya Malaviya

⊙ Kanpur   ☎ 9260940347   @ aaradhya.malaviya2005@gmail.com   🔗 https://aradhyas-portfolio.vercel.app/   ✉

○ Skills ○

Frontend Developer

Java

Data Structures

C++

Research and Analysis

○ Interests ○

Mountaineering

Physical Fitness

Marathon

○ Languages ○

English

Hindi

Profiles

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Summary

I am a results-oriented BCA student who builds technology to solve real-world challenges. Using my skills in Java, C++, and frontend development, I developed a critical health tool for analyzing heart attack symptoms and a dynamic fitness application that provides targeted workouts and meal plans. My motivation is to apply my strong foundation in data structures and research to create efficient, user-focused solutions.

Education

PSIT College of Higher Education
Bachelor's in Computer Application
Last Updated-8.2 CGPA
Computer Science
August 2023- August 2026

Sheiling House School
Science
65%
Standard I - Standard XII
March 2011 - March 2023

Projects

FitBox

Developed a dynamic fitness web application inspired by platforms like MuscleWiki. The application features a core interactive model where users can select a muscle group and are immediately presented with a curated list of corresponding exercises and post-workout meal suggestions. The project was built using a component-based architecture with React and shadcn-ui for a consistent and reusable UI, Vite for a fast development workflow, TypeScript for type safety, and Tailwind CSS for flexible styling with a strong focus on creating a clean, user-centric, and responsive design.

Heart Health AI

Heart Health AI is a machine learning project that predicts the likelihood of a patient developing heart disease. By analyzing key health indicators such as age, cholesterol levels, blood pressure, and chest pain type, the system uses various algorithms like Naive Bayes and Random Forest to classify a patient's risk. This tool is useful as a decision support system for medical professionals, helping them to make faster and more accurate diagnoses for early detection and improved patient care.

Volunteering

PSIT Kanpur
Event Coordinator

Beyond my technical skills, my active participation in college festivals has provided me with significant on-stage experience, making me a confident and effective public speaker.