Kalpna Kahar

Jabalpur, Madhya Pradesh, India  
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# Career Objective

Enthusiastic and detail-oriented B.Tech Computer Engineering student at Shri Ram Institute of Technology, Jabalpur, seeking opportunities to apply my technical and analytical skills in software development, particularly in full-stack development and machine learning. Eager to contribute to innovative projects and grow as a technology professional.

# Education

**Shri Ram Institute of Technology, Jabalpur:** Bachelor of Technology (B.Tech) in Computer Engineering

2022 – 2026 (Expected) | CGPA: 7.10

**Govt Higher Secondary School, Karakbel:** Class XII (MP Board)

2022 | Percentage: 83%

**Pratibha Vidhyapeeth High School, Karakbel:** Class X (MP Board)

2020 | Percentage: 73%

# Technical Skills

Languages: C, C++, Python, JavaScript

Web Development: HTML, CSS, React.js, Node.js, Express.js, Tailwind CSS

Databases: MySQL, MongoDB, PostgreSQL

Machine Learning: Scikit-learn, Pandas, NumPy

Tools & Frameworks: Django REST Framework, Git, GitHub, ChromaDB, FAISS

Other: JWT Authentication, Redux, REST APIs, RAG (Retrieval-Augmented Generation)

# Projects

**Minor Project | Python, Machine Learning:** Fake URL Detector

Built a machine learning model to detect phishing or fake URLs using URL-based features. Used various classification algorithms and evaluated performance with accuracy metrics. Followed the project report format of Shri Ram Institute of Technology.

**Intern Project | React.js, Node.js, Express.js:** 7 Up 7 Down Dice Game

Developed a dynamic dice-based betting game with scoring, betting, and win/loss logic. Integrated RESTful APIs to handle game logic and score tracking. Implemented Redux for state management and JWT for authentication.

**Hardware + Software Project:** Laser Security Alarm System

Designed a basic laser-based security system with alert triggering. Integrated microcontroller and sensor components with supporting code.

**Internship Project | Django REST, MySQL, ChromaDB, sentence-transformers, OpenAI, React.js:** Document Intelligence Platform

Developing a RAG-enabled document question-answering system. Backend includes REST APIs, embeddings with ChromaDB/FAISS, and integration with LLMs. Frontend is built using ReactJS and Tailwind CSS with advanced UI/UX components.

# Internships

**Internshala | Focus: C and C++:** Programming Internship

Gained foundational knowledge of C and C++ programming. Worked on practice problems and mini-tasks to build logic and syntax familiarity.

**May 2025 – Present:** RAG-based Document Platform Internship

Creating a smart document query system using Django backend and React frontend. Working with real-world data, embeddings, and modern AI tools.

# Achievements & Certifications

Completed C/C++ Training from Internshala

Participated in college-level coding competitions and technical workshops

# Personal Details

**Name:** Kalpna Kahar

**Date of Birth:** [Your DOB]

**Gender:** Female

**Address:** Karakbel, Jabalpur, Madhya Pradesh, India

**Languages Known:** Hindi, English

# Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Jabalpur  
Date: 31-05-2025

Kalpna Kahar