PIYUSH KUMAWAT

Bhopal, India 462022

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OBJECTIVE

A detail-oriented and motivated engineering student seeking an internship/full-time position where I can apply my technical and analytical skills to contribute to the growth of the organization while gaining practical experience in the field of Computer Science Engineering.

EDUCATION

Bachelor of Technology (B.Tech) in [Computer Science Engineering]

[Lakshmi Narain College Of Technology]

2022 – Present | CGPA : 7.39

Higher Secondary (Class XII)

Aaditya Vidhya Vihar - Khargone, MP

2021 | Agrregate : 92.4%

Secondary (Class X)

Aaditya Vidhya Vihar - Khargone, MP

2019 | Agrregate : 93.8%

SKILLS

- Programming Languages: C++, JAVA(basic), JavaScript
- Web Technologies & Frameworks: HTML, CSS, React.js, Node.js, Express.js, Flask
- Databases: MongoDB (NoSQL), SQL, MySQL
- Core CS Subjects: Data Structures & Algorithms (DSA), Operating Systems (OS), Database Management Systems (DBMS), Software Engineering (SE)
- Tools & Platforms: Git, GitHub, Postman, VS Code

CERTIFICATES AND HONOURS

- Certified in C++ Course: Learn the Essentials.
- Certificate of participation in Ideation Fiesta 2.0
- Certified in Database Management System Part 1 from Infosys
- Participated in the Smart India Hackathon in 2022 and 2023.
- Participated in Ideation Fiesta 2.0.

PROJECTS

- **Health Connect**
  - HealthConnect – Real-Time Organ Availability And Donation Platform.
  - Tech Stack: React, Vite, TailwindCSS, Node.js, Express, MongoDB, Socket.IO, JWT
  - Developed a full-stack web app connecting hospitals with organ donors in real time.
  - Implemented a dynamic, responsive dashboard using React and TailwindCSS.
  - Built secure REST APIs with JWT authentication using Node.js and Express.
  - Enabled live organ availability tracking through real-time Socket.IO updates.
  - Managed donor and hospital data with MongoDB and Mongoose, supporting filters by organ and location.

- **IP-BOT**
  - Interview Preparation Bot (Personal Project)
  - Tech Stack: HTML, CSS, JavaScript, Flask, Web Speech API, Python, NLP (LLM Integration).
  - Designed and developed a dynamic web application that generates personalized interview questions based on the user's uploaded resume.
  - Key Features:
  - Resume Parsing: Extracts relevant content from uploaded resumes to generate targeted interview questions.
  - AI-Powered Q&A: Automatically generates follow-up questions and evaluates user answers with real-time feedback.
  - Speech-to-Text Input: Integrated browser-based voice input using the Web Speech API for hands-free answering.
  - Interactive UI: Dual-pane interface displaying resume on one side and Q&A interface on the other.
  - Smart Navigation: Stores the next question in memory and transitions smoothly between questions after feedback.
  - The tool simulates real interview conditions by engaging users in context-aware conversation based on their actual experience.