Piyush Kumar

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EDUCATION

Siddaganga Institute Of Technology   Tumakuru, Karnataka
Bachelor of Technology in Information Science   *Sept 2023 – July 2027*

Current CGPA: 8.81

Modern Public School   Bihar
Class 12th, CBSE   *Apr 2020 – May 2022*

Marks: 81.8%

Modern Public School   Bihar
Class 10th, CBSE   *Apr 2019 – Mar 2020*

Marks: 88.2%

PROJECTS

Movie Recommender System | *Python, Pandas, Scikit-learn, Streamlit*   *July 2025*
− Developed a content-based recommendation engine to suggest movies based on plot summaries, genres, and cast.
− Engineered features from the TMDB dataset using Pandas for data cleaning and transformation.
− Implemented a vector space model with Scikit-learn to calculate similarity using cosine distance.
− Deployed the model as a Streamlit web app for real-time recommendations.

Job Portal Website | *MERN Stack (MongoDB, Express.js, React.js, Node.js)*   *May 2025 – June 2025*
− Developed a full-stack job portal connecting job seekers and employers through an intuitive interface.
− Designed responsive front-end components using React.js and CSS.
− Built RESTful APIs with Node.js and Express.js for authentication and job management.
− Integrated MongoDB for efficient storage and retrieval of profiles and listings.
− Enhanced scalability through optimized backend architecture.

Quick GPT | *MERN Stack (MongoDB, Express.js, React.js, Node.js)*   *Oct 2025*
− Developed an AI-powered chatbot using OpenAI API for real-time conversational interaction.
− Built front-end with React.js and backend services using Node.js and Express.js.
− Implemented MongoDB for user data storage and chat history management.
− Designed a responsive UI with dark/light mode and chat animations.
− Optimized API calls and state management to improve response time.

CERTIFICATIONS

Programming and Problem Solving using C++

TECHNICAL SKILLS

Languages: Python (Intermediate), C (Intermediate), C++ (Intermediate), JavaScript (Intermediate), HTML, CSS

IT Constructs: Data Structures and Algorithms (Beginner), OOP in C++, Operating Systems

Frameworks & Libraries: React.js, Node.js, Express.js

Database: MongoDB, SQL

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

CodeChef: piyushcode12

LeetCode: piyushkr75

Member of Management Club TEDx Siddaganga