

Abhay Kashyap

Pre-Final Year | Computer Science and Engineering | IIT Jodhpur
Portfolio |  GitHub |  LinkedIn

EDUCATION

IIT JODHPUR

BTECH. IN COMPUTER SCIENCE

Nov 2022 - Present

Cum. GPA: 7.44 / 10 (till 5th sem)

KANPUR PUBLIC SCHOOL

Senior Secondary CBSE

Percentage : 91.6

FLORETS INTERNATIONAL

Secondary CBSE

Percentage : 90

COURSEWORK

Operating Systems

Database Management Systems

Computer Architecture

Principles of Programming Languages

Design Analysis of Algorithms

Software Engineering

Pattern Recognition and Machine

Learning

Data Structures and Algorithms

Probability Statistics and Stochastic

Processes

Maths For Computing

SKILLS

PROGRAMMING

C/ C++

Python

JavaScript

TOOLS AND OS

Git

Google Colab

Jupyter Notebook

Windows

Linux

LIBRARIES

Tensorflow

PyTorch

Pandas

Axios

WEB DEVELOPMENT

ReactJS

NodeJS/ ExpressJS

MongoDB

SQL

HTML/CSS/JavaScript

PROJECTS

THE SMART QUIZZER | AI POWERED QUIZ EVALUATOR

Dec 2024 - Present | GitHub

- Built a quiz evaluation platform with Node.js, Express.js (backend), MongoDB (database), and React.js (frontend).
- Integrated Google Gemini API for quiz evaluation and a sentiment analysis model to classify feedback into positive/negative sentiments, analyzing over 1,000+ feedback entries.
- Enabled 100+ educators to track class performance and analyze student feedback; streamlined quiz participation for 500+ students

DATASCIENCEHUB | BLOCKCHAIN BASED DATASET MARKETPLACE

October 2024 - November 2024 | GitHub

Mentor : Dr.Suchetna Chakraborty

- Developed a marketplace for uploading/downloading datasets, with React.js (frontend), MongoDB (database), and IPFS (distributed storage).
- Implemented Ethereum-based smart contracts for secure dataset transactions, enabling 50+ dataset exchanges and rewarding users with digital currency.
- Integrated B-trees for efficient article retrieval, reducing search time by 30%.

TALK-SOME | REAL-TIME CHAT APPLICATION

June 2024 - Present | GitHub

- Developed a chat app with one-on-one and group chat using Node.js, Express.js (backend), MongoDB (database), and Chakra UI (frontend).
- Enabled real-time messaging with Socket.io (WebSocket), achieving a latency of less than 200ms for 1,000+ active users.
- Implemented secure user authentication using JWT, ensuring 99.9% uptime and data protection.

MOVIE-RECOMMENDER | MOVIE RECOMMEDATION SYSTEM

Feb 2024 - May 2024 | Website

Mentor : Dr.Anand Mishra

- Developed an Artificial Neural Network (ANN) using Scikit-Learn, TensorFlow, Pandas, and Seaborn.
- Trained the model on the MovieLens Small Latest Dataset (100,000+ ratings) to recommend top 10 movies based on genre and rating range.
- Incorporated user feedback to refine recommendations, improving accuracy by 15% through adaptive filtering.

RECIPEFINDER | RECIPE SEARCH SYSTEM

March 2024 - May 2024 | Website

Mentor : Dr.Romi Banerjee

- Designed a recipe search tool with React.js, TailwindCSS, and the Edamam API, handling 10,000+ API requests efficiently.
- Enabled users to find recipes based on input ingredients with an intuitive and responsive interface, reducing search time by 20%.

POSITIONS OF RESPONSIBILITY

Feb 2024 Volunteer

Indian Conference on MedTech Innovations

Feb 2024 Assistant Head

Aaftaab Literary Fest IITJ