Utkarsh Raj

Adm. No. 22JE1033 ☎9334894137
✉ utkarsh8739@gmail.com 🔗 https://www.linkedin.com/in/-Utkarsh-RAJ ⌂ UTkARsh-RaJ01 (github.com

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech (Environmental Engineering)	Indian Institute of Technology (ISM), Dhanbad	8.60 (Current)	2022-2026
Dual Degree(M.TECH) (ComputerScience Engineering)	Indian Institute of Technology (ISM), Dhanbad	Ongoing	2024-2027
Senior Secondary	SHIVAM CONVENT,PATNA(CBSE)	94%	2021-2022
Secondary	DON BOSCO ACADEMY,PATNA (ICSE)	93.2%	2019-2020

Projects

Movie Recommender System | *Python,Numpy,Pandas,Scikit-Learn*
- Developed a movie recommender system utilizing collaborative filtering and content-based algorithms to analyze movie titles and suggest similar films. Leveraged Python and machine learning techniques to enhance accuracy and diversity of recommendations, optimizing user experience and engagement. .

Langchain Based Pdf Reader | *Python,(NLP),Machine Learning,PDF Parsing,Text Summarization Techniques*
- Developed a language-chain model proficient in summarizing PDF content and answering related questions. Utilized advanced NLP techniques, machine learning algorithms, and PDF parsing to create an adaptable system. Achieved comprehensive understanding and retrieval of information, enhancing accessibility and utility of PDF documents for users.

A unified portal for developing a model Curriculum for all the AICTE Approved Institutes(SIH) -Web Application | *Html,Css,JavaScript,NodeJs,MongoDB*

- The AICTE's unified portal streamlines curriculum development by providing user registration, personalized dashboards, curriculum design tools, a resource repository, collaboration features, analytics, notifications, and robust security.

Technical Skills

Languages: C,C++,Javascript,Python
Technologies: HTML, CSS, React.js, Express.js, MongoDB, Git, Node.js
Concepts: Artificial Intelligence, Machine Learning, Neural Networks, API, Data Structure and Algorithms, Object Oriented Programming, Probability and Statistics

Sports Programming

CodeChef: 3 star
Codeforces:Pupil

Achievements

- **Kshitij, IIT Kharagpur RoboWar** —Participated .
- **E-yantra Robotics Competition 2023-24** — IIT Bombay One of the top 50 teams.
- **Concetto Galactic Maze Maverick** — IIT(ISM) Dhanbad 3rd Prize
- **Concetto Electro-Design Battle**— IIT(ISM) Dhanbad 3rd Prize
- **Smart India Hackathon** Qualified Internal Hackathon