Shankharishi Khan
Integrated MSc in Mathematics and Computing

📞 +91-8145560314
⭘ GitHub Profile
✉ shankha7139@gmail.com

EDUCATION

•**Birla Institute of Technology, Mesra, Ranchi, Jharkhand** *2020-2025*
Integrated MSc in Mathematics and Computing GPA: 8.7

•**RKMV,Deoghar,Jharkhand - Higher Secondary** *2020*
Central Board of Secondary Education(C.B.S.E) Percentage: 94.80

PROJECTS

•**MERN-NGO website with Admin Panel** *Link*

Skills Used- MongoDB, Firebase , React, Node

- Developed a dynamic NGO web application using the MERN stack with Firebase as the backend, providing a seamless platform for managing events and memberships.
- **Real-time Event Management** Allows organizers to create, update, and manage events instantly, with changes reflected in real-time across all users.
- **Secure User Authentication On Admin Side** Utilizes Firebase Authentication to ensure secure login, with role-based access controls for Admin .
- **Firebase Integration** Leverages Firebase for real-time database updates, cloud storage for media files, and serverless functions for backend processing.
- **Responsive Design** Ensures the application is fully accessible and functional across various devices, including desktops, tablets, and mobile phones.

•**MERN - Matrimony App with Admin Panel** *Link*

Skills Used- MongoDB, Express, React, Node , firebase

- The Full Stack MERN Matrimony App is a matchmaking platform built using the MERN stack (MongoDB, Express.js, React.js, Node.js). It offers advanced search capabilities, real-time chat, and friend management features. The admin panel ensures efficient oversight and management.
- **Chat and Messaging** Real-time chat with notifications, read receipts, and typing indicators.
- **Friends and Blocking Features** Add, block, and unblock users; report inappropriate behavior.
- **User Experience** Responsive, user-friendly design with regular updates.Responsive design for mobile and desktop users.
- **Admin Panel** User management, content review, and analytics dashboard.

•**Movie Recommendation System (Text Based analysis)** *Link*

Skills Used- Python, Numpy, Pandas, Machine Learning, Scikit Learn

- Leveraged **Python, NumPy, Pandas, Machine Learning, and Scikit-Learn** to develop a Movie prediction model.
- Achieved an impressive **81% accuracy** in predicting top 5 relevent movies on the basis of movie selected.
- Selected and engineered relevant features, conducted exploratory data analysis (EDA), and applied various machine learning algorithms.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, HTML, Javascript
Libraries : Python Data Science Libraries, Machine Learning Libraries, Tailwind CSS, BootSTrap, React.js, Node.js, Express.js
Cloud/Databases: Relational Database(mySql), MongoDB , Firebase
Areas of Interest:Machine Learning, Full stack Web Development
Soft Skills: Communication, Analytical Thinking,Problem solving

POSITIONS OF RESPONSIBILITY

•**Member** Google Developer's Student's Club (GDSC) , BIT Mesra *June 2022 - July 2023*

CERTIFICATES AND ACHIEVEMENTS

• **Smart India Hackathon (SIH) - Team Member** Successfully participated as a team member in SIH, contributing to innovative solutions and collaborating effectively with team members.