

Shankharishi Khan

Integrated MSc in Mathematics and Computing

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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

•Real-Time Chat Web App

[Link](#)

Skills Used- MongoDB, Express, React, Node

- Created a dynamic and responsive platform that enables real-time interactions among users.
- Utilized **MongoDB** a flexible and scalable database, was employed to store user data and chat history .
- Integrated **React** to create Single Page Application, user friendly and responsive UI.
- **JWT authentication** was implemented to guarantee the highest level of security for user accounts and access control.

•Holiday Booking Portal (MERN Stack)

[Link](#)

Skills Used- MongoDB, Express, React, Node

- The app needed to provide users with a wide range of travel options, from flights and accommodations to activities and itineraries, all within a single, user-friendly interface.
- Used **React Framework** which promotes reusability and scalability allowing us to create a dynamic and responsive user interface. **Real-Time Booking** We integrated real-time booking functionality, allowing users to book flights, accommodations, and activities directly through the app.Payment processing is secure and seamless.

•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 relevant movies on the basis of movie selected.
- Selected and engineered relevant features, conducted exploratory data analysis (EDA), and applied various machine learning algorithms.

•Hotel Booking Cancellation Prediction Model

[Link](#)

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

- Implemented **Python, NumPy, Pandas, Machine Learning, and Scikit-Learn** to build a Hotel booking cancellation prediction model.
- Achieved an impressive **88% accuracy** in predicting Cancellation on basis of various categorical data.
- Experimenting with different machine learning algorithms to identify the most accurate and interpretable model.

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

Areas of Interest: Artificial Intelligence, Machine Learning, Deep Learning, Neural Network, Web Development, Ethical Hacking

Soft Skills: Training and Instructing, Analytical Thinking, Problem solving

POSITIONS OF RESPONSIBILITY

•Member Google Developer's Student's Club (GDSC) , BIT Mesra

June 2022 - July 2023