

Mihir Sharma

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OBJECTIVE

To contribute strong technical skills and experience in the organization and pursue a challenging carrier in a system that encourages continues learning and creativity

EDUCATION

MCA

Institute of Information Technology & Management

Aug 2023 - Aug 2025

BCA

Institute of Innovation in Technology & Management

Aug 2019 - Aug 2022

12th

Cambridge School Srinivas Puri

Apr 2018 - Apr 2019

SKILLS

Programming Language: JavaScript, Python

FRONTEND DEVELOPMENT: HTML, CSS, Reactjs, React Native, Nextjs

BACKEND DEVELOPMENT: Expressjs, Nodejs

DATABASES: MongoDB, MySQL

DATA SCIENCE & MACHINE LEARNING: Pandas, NumPy, Scikit-learn

DATA VISUALIZATION TOOL: TABLEAU

UI/UX & Design Tools: Figma

Version Control: Git, GitHub

PROJECTS

1. Full-Stack Social Media Platform (Tech: React, Express.js, Node.js, MongoDB)

- Implemented **cloud integration for image processing**, enabling efficient image uploads and compression.
- Developed **user authentication & authorization** with **JWT**
- Built a **real-time messaging system** using **WebSocket's** ensuring seamless user interactions.
- Designed and optimized **database management** with **MongoDB**

2. E-Commerce Platform with Sales Analysis Dashboard (Tech: React, Express.js, Node.js, MongoDB)

- Integrated **cloud storage for image processing** using **Cloudinary**, enabling optimized product image uploads.
- Implemented **user authentication & authorization** with **JWT**.
- Developed a **real-time sales analysis dashboard** using **Chart.js** visualizing revenue, orders, and customer trends.
- Designed an optimized **database management system** using **MongoDB**.

3. Milk Quality Prediction Using Classification Algorithms (Tech: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn)

- Developed a **machine learning model** to predict **milk quality** using classification algorithms such as **Logistic Regression, Decision Tree, Random Forest, and SVM**.
- Performed **outlier analysis** using **IQR** to improve model accuracy.
- Conducted **data preprocessing**, including handling missing values, feature scaling, and encoding categorical data.
- Evaluated model performance using **precision, recall, F1-score, and confusion matrix**, achieving an accuracy of **90%**.
- Visualized **data distribution and model insights** using **Matplotlib & Seaborn** for better interpretability.

CERTIFICATIONS

1. NPTEL (Python with Data Science)
2. 2nd Position in Data Science using Machine Learning and Python
3. Hacker Rank (React)
4. Hacker Rank (JavaScript)