

Mayank Sharma

IIT Jodhpur — AI & Data Engineering Student

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SUMMARY

AI and Data Engineering student at IIT Jodhpur with hands-on experience in machine learning, data analytics, automation, and intelligent systems. Strong at translating complex data into actionable insights through clean analysis, visualization, and production-ready ML applications. Experienced with GenAI tools, secure systems, and end-to-end project deployment.

SKILLS

Data & AI: Machine Learning, Data Science, Data Analytics, Statistical Modeling, Data Cleaning, Data Extraction, Data Visualization

Programming & Databases: Python, SQL, NoSQL, SQLite, Automation

Tools & Platforms: Power BI, Advanced Excel, MS Excel, VS Code, GitHub, Netlify, Google Analytics

GenAI Tools: ChatGPT, Cursor, Windsurf, GitHub Copilot

Web & Frontend: JavaScript, Frontend Development, Wix

Communication: Report Writing, Research & Analytics, Creative Writing, Copywriting, English Proficiency (Written & Spoken)

PROJECTS

Customer Churn Prediction (Production ML App)

GitHub

Machine Learning, Streamlit, Docker

Built a production-ready ML pipeline with Streamlit UI, Docker containerization, and CI/CD workflow.

Performed feature engineering, model evaluation, and deployment-focused optimization.

Loan Approval Prediction

GitHub

Supervised Learning, Data Analysis

Developed predictive models to assess loan eligibility using structured financial data.

Applied data preprocessing, feature selection, and performance metrics.

Fake Review Detection

GitHub

NLP, Machine Learning

Designed ML workflows to identify fraudulent reviews using textual features.

Improved model reliability through preprocessing and validation techniques.

Face & Emotion Recognition

GitHub

Computer Vision, Python

Implemented facial and emotion recognition using computer vision techniques.

Processed real-time webcam input for emotion classification.

Virtual Mouse Using Hand Tracking

GitHub

Computer Vision, Automation

Created a gesture-controlled virtual mouse using webcam-based hand tracking.

Enabled touchless cursor movement and click actions.

Personal Portfolio Website

Click here

JavaScript, Web Development

Designed and deployed a personal portfolio showcasing projects and skills.

Focused on clean UI, responsiveness, and professional presentation.

More Projects: github.com/Mayank-iitj

EDUCATION

Indian Institute of Technology Jodhpur

BS/BSc in AI & Data Engineering

Jodhpur, India

2024 – Present