ABOUT ME

Hi! I'm a B.Tech graduate with a deep passion for machine learning and a constant curiosity for emerging technologies. I love exploring new ideas, solving complex problems, and finding practical ways to make AI more efficient and impactful. Challenges excite me, they push me to think creatively, adapt quickly, and keep learning. Whether it's building models, optimizing workflows, or uncovering insights from data, I enjoy turning ideas into real solutions. I believe in a hands on approach, always looking for ways to innovate and make a difference through technology.

SKILLS

MACHINE LEARNING & AI

DEEP LEARNING

NLP

VERSION CONTROL (GIT, GITHUB)

DATA ANALYSIS

DATA VISUALIZATION

LINKS

Github:
https://github.com/weeebhu

LinkedIn:
www.linkedin.com/in/mrityunjaykukreti

HOBBIES

CODING, WEB DESIGN, AI LEARNING, SPORTS, GAMING

MRITYUNJAY KUKRETI

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WORK EXPERIENCE

WADDAYA SOLUTIONS PVT LTD.
Delhi
Sep 2023 - Feb 2024

ABAP Trainee

- Debugging and troubleshooting
- Learning and training documentation
- Developed an internal project assistance in ABAP development

TECHSAKSHAM (MICROSOFT & SAP) | EDUNET FOUNDATION | AICTE
Jan 2025 - Feb 2025

Intern

- AI - Transformative Learning
- Gained hands-on experience in AI concepts and applications.
- Worked on AI-driven solutions and transformative technologies.
- Successfully completed the program under the guidance of AICTE and Edunet Foundation.

EDUCATION

MAHARAJA AGRASEN MODEL SCHOOL
Delhi
2020

High school diploma

IITM JANAKPURI
Delhi
2024

Bachelor of Technology

PROJECTS

Sign Language Detection

- **Developed a sign language detection system with high accuracy**
- **Implemented deep learning algorithms for better performance**

Food E-Commerce

- **Created an online platform for food ordering and delivery**
- **Integrated payment gateways for seamless transactions**

Face Recognition

- Built a face recognition system using computer vision techniques
- Achieved real-time face detection and identification

Customer Churn Prediction for a Telecom Company

- Data Collection & Preprocessing: Gathered and cleaned data, handling missing values and outliers, and transformed categorical variables into numerical formats using one-hot encoding.
- Exploratory Data Analysis: Conducted detailed analysis to uncover important features influencing churn
- Modeling: Built several classification models, including Logistic Regression, Random Forest, and XGBoost, to predict customer churn.
- Class Imbalance Handling: Used SMOTE and class weighting to handle the imbalance
- Evaluation: Prioritized metrics such as precision, recall, F1-score, and ROC-AUC
- Optimization: Tuned hyperparameters using GridSearchCV
- Deployment: Delivered a churn risk dashboard using Tableau

AI-Powered Health Assistant

- Developed an AI-driven health assistant capable of providing symptom-based preliminary health insights.
- Implemented NLP models to interpret user queries and deliver relevant health information.
- Integrated machine learning algorithms to analyze symptom patterns and suggest possible conditions.
- Designed an interactive chatbot interface for improved user engagement.

Customer Retention Analysis

- Analyzed user churn to pinpoint factors driving a 10% boost in customer retention.
- Identified key drivers contributing to increased customer retention.
- Conducted in-depth analysis on user churn, resulting in a 10% rise in customer retention.
- Uncovered factors leading to a 10% increase in customer retention through deep dive analysis.