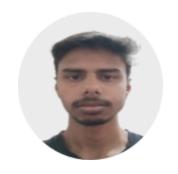# SOURAV KUMAR VERMA

CONTACT

+91 7494001834
souravverma2078@gmail.com
LinkedIn

EDUCATION

BE-CSE(AIML) • CURRENT
Aggregate-7.96
CHANDIGARH UNIVERSITY
Mohali, Punjab

HIGHER SCHOOL • JUNE 2021
Aggregate- 91%
TATA DAV PUBLIC SCHOOL
Ramgarh, Jharkhand

SECONDARY SCHOOL • JUNE 2019
Aggregate- 92.6%
TATA DAV PUBLIC SCHOOL
Ramgarh, Jharkhand

TECHNICAL SKILLS

Machine Learning
GenAI
Data Structure and Algorithm
Python. C++/Java
SQL
HTML, CSS, Javascript
Framework-ReactJs

SOFT SKILLS

Problem Solving
Communication
Team Collaboration

PROFILE

Ambitious and dedicated computer science student with a strong foundation in statistics, machine learning, and data structure and algorithm. Experienced in applying machine learning algorithms to solve real-world problems through projects. Strong analytical and problem-solving skills with a keen interest in deriving insights from data to support decision-making. Eager to contribute to impactful data-driven projects in a dynamic and innovative environment.

PROJECTS

MULTIMODAL, MULTIAGENT RAG APPLICATION
AUG 2024

- Developed a sophisticated multimodal, multiagent Retrieval-Augmented Generation (RAG) application, integrating text, image to provide comprehensive, context-rich responses for complex user queries.
- Architected a multiagent system where specialized agents collaborate to retrieve, process, and generate outputs, significantly improving the accuracy and depth of responses.
- Implemented advanced retrieval mechanisms to aggregate data from diverse sources, including text databases, image repositories, ensuring a seamless multimodal analysis experience for users.

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CUSTOMER CHURN ANALYSIS AND PREDICTION
JUNE 2024

- Developed a predictive model using machine learning techniques to accurately identify customers at risk of churning, leading to improvement in retention strategies.
- Conducted comprehensive data cleaning, feature engineering, and exploratory data analysis on customer datasets to uncover key factors influencing churn.

CERTIFICATES

Microsoft certified: Azure AI Fundamentals(AI-900)
Machine Learning for all: University of London (Coursera)
Applied machine learning using Python (Coursera)