

KRATI CHOUDHARY

www.linkedin.com/in/krati-choudhary

1150 S Clarizz Blvd, Apt 338, Bloomington, Indiana 47401

(+1) 512 825 6652 ✉ kratiichoudhary@gmail.com

EDUCATION

Indiana University Bloomington

MS Computer Science

Aug 2022 - May 2024

GPA: 3.73

- Courses: Applied Algorithms, Elements of AI, Computer Vision, Software Engineering, Computer Networks, Data Mining

Shri Vaishnav Vidhyapeeth Vishwavidhyalaya

B.Tech. Computer Science

Aug 2018 - May 2022

GPA: 8.3

- Completed bachelors with a specialization in AI with IBM's industry-oriented coursework.
- Served as the Head of Reporting and led a team of 20 students to oversee publications related to club events and activities.

EXPERIENCE

NMS Intern, Hughes Network Systems

Jun 2023 - Aug 2023

- Initiated a terminal status monitoring system, which will improve the efficiency of the commissioning process by 20% and reduce the risk of errors by 50%.
- Improve the understanding of how terminals interact with the Network Management System, which will lead to at least 10% increase in the number of successfully commissioned terminals.

PROJECTS

Manga Translator

Technology Used: Python, Tensorflow, NLTK, OpenCV, Tesseract

- Created an innovative computer vision project leveraging deep learning models and OCR techniques to facilitate the seamless 80% translation of manga images into English.
- Achieved a remarkable 30% enhancement in translation accuracy through extensive training on large and diverse datasets while also integrating advanced NLP tools to further optimize the translation process.

Event Management System

Technology Used: MongoDB, ExpressJS, ReactJS, NodeJS

- Designed and developed an event/venue management system, revolutionizing the way venue owners connect with users to facilitate seamless location bookings based on availability and location preferences.
- Streamlined the user experience, allowing users to effortlessly discover and reserve venues while also providing them with the option to list their own facilities on the platform.

Inventory Prediction

Technology Used: Python, Flask

- Implemented a data mining model for inventory prediction, leveraging historical sales data and machine learning techniques to forecast demand and optimize inventory levels by at least 40%.

SKILLS AND CERTIFICATIONS

- **Programming Languages, Technologies and Frameworks:** Python, HTML, CSS, C++, MySQL, Linux, Flask, OracleDB, Javascript, Regression, Classification, DBMS (Database Management Systems), Computer Networks, Data Structures
- **Certifications:**
 - Stanford University Machine Learning Non-credit Course by Associate Professor Andrew Ng
 - Data Science Practitioner Certificate by IBM

ACTIVITIES

Organizing Committee Head, VoidHacks() 3.0

Aug 2021 - Oct 2021

- Led a team of 15 students and orchestrated a highly successful national-level Hackathon, held at Shri Vaishnav Vidhyapeeth Vishwavidhyalaya, adapting ingeniously to the challenges posed by the ongoing pandemic by organizing the event 100% in an online mode.
- Coordinated with over 15 mentors and 20 sponsors across 4 different computer science domains including AI, Fintech, HealthTech, Web/Mobile App Development.