RISHIK PENDURTHI

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SUMMARY

I am a self-driven computer science master's student with a solid background in data structures, web development, and programming. I am enthusiastic about using modern technology to solve real-world problems. I'm looking for chances to use my skills in data analysis, software development, or AI-driven apps while learning new things and contributing to a creative team atmosphere.

SKILLS

- **Programming Languages:** Python, SQL, C, Java
- **Tools:** Tableau, Jupyter Notebook, Pycharm, SQL Workbench, Google Colab
- **Machine Learning and Data Science**
- **Technical Skills:** Git, Github, Cloud
- **Frameworks/Libraries:** Flask, React.js, Angular.js, Node.js, Express.js, MongoDB.

CERTIFICATIONS

Suven Consultants & Technology Pvt. Ltd Market Basket Analysis Coding Internship **Mar 2022**
Global Teach Advanced Software Engineering - Forage **Aug 2022**
INTERNPE Web Development **Jul 2023**
AI Virtual Experience Program - Forage **Jan 2023**

EDUCATION

Kent State University, Kent **Aug 2024 - May 2026**
Master of Science, Computer Science
CGPA: 3.8

RMK Engineering College **May 2024**
Bachelor of Engineering, Computer Science
CGPA: 3.23

PROJECTS

VIRTUAL MOUSE:(https://github.com/RishikPendurthi/Virtual-Mouse-using-AI.git)
The project proposes a way to control the position of the cursor with bare hands and eyes without using any electronic device. Operations like clicking and dragging objects will be performed with different hand gestures. The Python dependencies that will be used to implement this system are NumPy, autopy, time, and handtracking module.

DEVELOPING A FLIGHT DELAY PREDICTION MODEL:
The main problem of the aviation industry is the delays of flights. The delay is caused due to multiple external factors like weather conditions, delay in time, or some other reasons. The delay in the time of flights makes passenger travel inconvenient as well. It turns out to be a loss to those airlines based on the passenger review. The lack of prediction is the root cause of this problem. So, we used Random Forest and Gradient Boosting.

DOCUMENT RANKING: This project, "Document Ranking Based on Similarity using Natural Language Processing Technique," is used for ranking the documents based on a similarity score concerning the source document, which plays a crucial role in information retrieval.

Learning Management System: (https://github.com/RishikPendurthi/FinalProject.git)
This project is built with Flask and HTML for Teachers and Students, which students can use to register courses and Teachers can track their progress.

ONLINE FOOD ORDERING SYSTEM USING PYTHON:
The Simple Food Ordering System project is developed using PHP, Bootstrap, and JavaScript. Talking about the project, it has the least but essential features required for a food ordering system. This project contains an admin side where the Admin can manage sales, products, categories, and food orders. The Admin plays an important role in the management of the system. In this project, all the main functions are performed from the Admin side