

Amit Kumar Singh

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SUMMARY

Passionate and Driven BCA student specializing in Data Science and Artificial Intelligence seeking an internship opportunity to apply my skills and gain practical experience in a professional setting.

PROJECTS

Parking Management System |

This system simplifies parking operations by allowing users to input vehicle details, such as number, type, owner, and entry time. It validates inputs, updates available spaces for bicycles, bikes, and cars, and enables easy removal of vehicles by number. The system calculates parking fees based on vehicle type and duration, ensuring transparent billing. With error handling for smooth operation, it enhances the customer experience and optimizes parking resource utilization.

Voice-Activated AI Assistant |

A Python-based virtual assistant using speech recognition to perform tasks like retrieving Wikipedia info, checking time, opening websites, playing music, sending emails, and setting reminders. It includes error handling for seamless voice command interactions.

Waste Classification |

Waste classification involves categorizing waste into types like solid, liquid, organic, recyclable, and hazardous to ensure proper handling and disposal. This promotes recycling, safe disposal of hazardous materials, composting of organic waste, and compliance with regulations, contributing to environmental sustainability.

Restaurant_Bill System

The Restaurant Order and Billing System is a web-based application that allows users to select menu items, view a detailed bill summary with GST and discounts, and print receipts. Built with HTML, CSS, and JavaScript, it offers an intuitive interface for order management and dynamic interaction for seamless customer experience.

TECHNICAL SKILLS

- Python | Pandas
- NumPy | Matplotlib
- Flask | SQLite
- HTML | CSS
- Data Science
- Seaborn

EDUCATION

Higher Secondary Class

Town hall Public inter College
(2017 - 2018)

Senior Secondary

National Institute of Open School
(2018 - 2021)

BCA (DS & AI)

Babu Banarasi Das University
(2021 - 2024)

SOFT SKILLS

- Communication
- Problem-Solving
- Team Work
- Time Management

CERTIFICATIONS

- Predictive Modeling Fundamentals I - IBM
- Introduction to Data Concepts (MDLPT-228)
- Introduction to Cloud - IBM
- Cloud Core Badge - IBM