

# CHARU GARG

STUDENT

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New Delhi, India

## EDUCATION

Bachelor of Engineering  
Computer Science  
Specialization: Artificial Intelligence and  
Machine Learning

**Chandigarh University**

2024

Gharuan, Punjab

8.53/10.0

Senior Secondary (XII)

**Kulachi Hansraj Model School**

2020

New Delhi

82%

Secondary (X)

**Kulachi Hansraj Model School**

2018

New Delhi

91%

## SKILLS

### TECHNICAL

- Languages: Python
- SQL
- Data Mining
- ML Algorithms
- Probability & Statistics
- OS: Linux

### SOFTWARES

Power BI ; Weka ; Excel

### INTERPERSONAL

- Empathy
- Adaptability
- Active Listener
- Management & Coordination

### SPEAKING LANGUAGES

- English & Hindi

## CAREER OBJECTIVE

Motivated individual seeking a challenging role to utilize strong analytical skills in reviewing and suggesting data-driven solutions. Enthusiastic about spotting business problems, sharing insights, and facilitating informed decision-making. Committed to delivering accurate, concise reports for organizational advancement.

## PROJECT

### AI Powered Cleaning Robot

June 2023 - Current

- Developing bot from concept, including designing and implementing its autonomous navigation, object recognition, and cleaning algorithms using **machine learning algorithms**.

### WhatsApp Chat Analysis

Apr 2023 – June 2023

- Analyzed WhatsApp chat data using **Python** and **Regex** to identify user patterns and group activity levels. Employed **pandas**, **matplotlib**, and **wordcloud** for data aggregation and visualization.

### Road Accident Dashboard

Dec 2022 – Feb 2023

- Developed a dynamic dashboard using **Excel**, showcasing monthly trends and comparing casualties between the current year and the previous year using demo data from **Kaggle**.

### Sales Insights Data Analysis

Oct 2022 – Nov 2022

- Created a dashboard with **Power Bi** and process the data by using **DAX** and **Excel** to ensure data completeness and validity. It is to get sales insights to increase sales growth at a hardware company AtliQ.

## CERTIFICATIONS

- Excel Skills for Business Specialization ( June 2023: Ongoing)  
*Coursera – MACQUARIE University*
- ETL and Data Pipelines with Shell, Airflow and Kafka (April 2023)  
*Coursera - IBM*
- Machine Learning (June 2022)  
*Coursera - Duke University*
- Python Data Structures (April 2021)  
*Coursera – University of Michigan*