

# Parveen Kaur

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## PROFESSIONAL SUMMARY

I'm an enthusiastic and detail-oriented Data Science student with background in programming, machine learning, and database management. I have experience working with Python, R, and modern frameworks, and I've built projects like a Food Delivery App, a Cafeteria Management System, OCR for Gurmukhi text, and Customer Segmentation using clustering. I'm passionate about using data to solve real-world problems, eager to contribute to innovative projects, and always learning more through certifications in databases, applied data science, and machine learning.

## PROJECTS

### • Cafeteria Management System

Developed a Cafeteria Management System using C language and Data Structures linked list.

### • Food Delivery App

Developed a robust Food Delivery App backend using Firebase, Leveraging, User Auth, Database.

### • Customer Segmentation

Developed a Customer Segmentation Project using Python Libraries and machine learning (Clustering)

### • Handwritten Text Recognition (OCR) for Gurmukhi Language

Using Machine Learning and Deep Learning (Models VGG16, VGG19, ResNet, EfficientNet, MobileNet) and Python libraries which involves manually collecting data containing different City names in Gurmukhi.

## CERTIFICATIONS

- Databases for Developers: Foundation-Oracle Dev Gym (2023)
- Programming Certificates: C, HTML, Python 3.4.3, RDBMS – IIT Bombay (2024)
- Introduction to Applied Data Science with Python -Simplilearn SkillUP (2025)
- Machine Learning using Python -Simplilearn SkillUP(2025)
- Introduction to Retrieval Augmented Generation - IBM SkillsBuild(2025)
- Ethical Considerations for Generative AI-IBM SkillsBuild(2025)

## SKILLS

- Python
- Machine Learning
- C
- C++
- HTML, CSS
- R
- Power BI
- AI
- Deep Learning

## EDUCATION

**Govt.Sen.Sec School Ramnagar**  
Bathinda, India

**Govt.Girls.Sen.Sec Smart School**  
**Maur Mandi**  
Bathinda

**Akal University**  
Talwandi Sabo, India  
Data Science

## LANGUAGES

- Punjabi
- Hindi
- English