

Akshay Dahiya

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Career Objective

Aspiring AI & Machine Learning engineer eager to apply data-driven problem-solving skills to real-world applications while continuously learning and contributing to innovative projects.

Education

Bachelor of Technology — Computer Science & Engineering

SGT University — *Expected 2026*

Specialization in Artificial Intelligence & Machine Learning — Samatrix.io

Class 12th — CBSE (2022) — 66%

Siddhartha Public School, Kanjhawala, Delhi

Class 10th — CBSE (2020) — 80.6%

Delhi Public School, Jind Road, Rohtak, Haryana

Skills

Technical Skills: Python, SQL, Excel, Data Visualization

Frameworks: Django, MySQL, Power BI, Microsoft Excel

Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn

Soft Skills: Communication, Project Management, Collaboration, Time Management

Projects

Real-Time Food Calories Estimation in Fruits and Vegetables using YOLO Model

Developed an AI-based real-time calorie estimation system using YOLO object detection.

Built dataset, trained the model, performed annotation, optimized inference and implemented real-time detection through camera input.

AI Virtual Healthcare Chatbot System using Deep Learning

Designed and developed a healthcare chatbot capable of answering medical queries and

guiding users based on symptoms. Implemented NLP-based understanding and deep learning models for intent recognition and responses.

Certifications

- Machine Learning and Pattern Recognition — *30 Oct 2025*
 - Machine Learning — *26 Mar 2025*
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Achievements & Sports Honors

- 🏅 Gold — Inter University Football Tournament
 - 🏅 Gold — Inter Course College Football Tournament
 - ⚽ Represented University in All India North Zone Football Tournament
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Extra-Curricular Activities

- Member, **Code Club** — Participated in workshops and helped organize hackathons.
 - Member, **National Service Scheme (NSS)** — Contributed to community service and awareness campaigns.
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Personal Details

Date of Birth: 08 December 2004

Languages: English, Hindi

Nationality: Indian

Declaration

I hereby declare that all details mentioned above are true and correct to the best of my knowledge.