

Kartik Rupal

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Profile Summary

- Enthusiastic and driven third-year Computer Science undergraduate with a focus on Artificial Intelligence and Machine Learning, blending algorithmic thinking with intelligent system design.
- Experienced in applying both theoretical knowledge and practical skills through academic and industry projects, demonstrating clarity in logic-building, model development, and system-level understanding.
- Demonstrates a solid understanding of foundational computer science areas such as data structures and algorithms, operating systems, database management, and computer networks, with a keen interest in applying AI/ML to practical problem-solving.

Experience

AI Intern – Microsoft Azure AI Internship

[Link](#) 

Edunet Foundation in collaboration with AICTE (May 2025 – June 2025)

- Built a deep learning project on Hate Speech Detection using Natural Language Processing (NLP) techniques and LSTM (Long Short-Term Memory) models.
- Gained practical experience in cloud AI services, supervised/unsupervised learning, and deep learning through mentor-led sessions and hands-on projects.

Projects

AI-Powered SQL Query Generator(2025)

[Link](#) 

- Developed a Python and Flask-based web tool that converts natural language into SQL queries

Facial Expression Detection(2025)

[Link](#) 

- Designed and implemented a CNN based deep learning model for facial emotion recognition.

Plant Disease Detection using CNN (2024)

[Link](#) 

- Developed a convolutional neural network (CNN) model for plant disease detection.

Certification

- Microsoft Certified: Azure AI Fundamentals
- Introduction to Generative AI
- Machine Learning for All, University of London
- Foundations: Data, Data, Everywhere, GOOGLE

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Education

Chandigarh University

Aug 2022 – June 2026

B.E. in Computer Science (Hons)

- **Specialization:** Artificial Intelligence And Machine Learning with CGPA : 7.68

Apollo Public School

April 2021 – July 2022

Non Medical

- Achieved 90.6% in CBSE Board Examination

Technologies

Languages: C++, C, Java, Python, SQL, JavaScript, HTML, CSS.

Technologies: Scikit-Learn, TensorFlow, Keras, spaCy, NLTK, Flask, Git, Docker

Soft Skills: Interpersonal Skills, Decision Making, Communication, Multitasking, Leadership.