

Akshat Gupta

Greater Noida – India

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Education

Bennett University

B.Tech, Computer Science & Engineering, CGPA: 8.64/10

2022–2026

Trainings & Certifications

IBM: Supervised Machine Learning: Classification (Sept 2023 - Nov 2023)

IBM: Exploratory Data Analysis for Machine Learning (Oct 2023 - Nov 2023)

University of Alberta: Sample-based Learning Methods (Jan 2024 - Feb 2024)

Coursera: Convolutional Neural Networks with TensorFlow (2024)

Coursera: Deep Neural Networks (2024)

Coursera: Algorithmic Toolbox (Jan 2024 - Feb 2024)

Microsoft: Introduction to Computers, Operating Systems, and Security (Feb 2024)

Google: The Bits and Bytes of Computer Networking (Jan 2024 - Feb 2024)

Coursera: Fundamentals of Network Communication (Jan 2024 - Feb 2024)

Coursera: Accomplishment Record: A3ZSAGTRKD9D

Projects

An Explainable Deep Learning Framework for Automated Retinal Disease Classification from Fundus Images: Currently working on a research project focused on enhancing explainability in automated retinal disease classification using deep learning techniques. Started in August 2024.

Akshar: Lost in Translation Never Again: A chat app that translates text and audio messages between users, built using Flutter with cross-platform support and sharing functionalities.

Krishi Sanrakshan: A web app helping farmers detect crop and livestock diseases through images and direct them to the nearest veterinary clinic.

FacePay: An AI-based face recognition payment system allowing UPI transactions via facial scanning, reducing QR code dependency.

Cash Flow Minimizer using C++: A project that minimizes transactions needed for settling dues among multiple people using data structures and algorithms.

Voice Powered Gaming Console: A Python-based console with voice interaction featuring games like Flappy Birds, Snake, and Hangman.

FaceCheck: Face Recognition Attendance System: A facial recognition system for automatic attendance, integrated with a SQL database for backend operations.

Skills

Languages: Python, C++, Java, Kotlin, C

Machine Learning: Supervised & Unsupervised Learning, Classification, Regression

Deep Learning: Neural Networks, CNNs, RNNs, GANs, LSTMs

Generative AI: GANs, LLMs, Text Generation, Model Fine-Tuning

Tools & Frameworks: TensorFlow, PyTorch, Keras, Scikit-learn, OpenCV

Others: Data Structures, Algorithms, Computer Networking

GitHub Repositories

GitHub: GitHub: Akshat-Gupta04

Akshar: Akshar: Lost in Translation Never Again

FaceCheck: FaceCheck: Face Recognition Attendance System

FacePay: FacePay: AI-driven Face Recognition Payment System