Aashutosh Kumar

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EDUCATION

- **GITAM University**-Bachelor of Technology in Computer Science & Engineering(CSE)(CGPA-9.06).
  Sep2022 – Apr 2026
- **12th** – Ahmedabad Public School(57.5%)
- **10th** – SGVP International School(81%)

PROJECT EXPERIENCE

E-commerce Bot

- Developed an intelligent chatbot using RAG techniques to assist customers in navigating an e-commerce website.
- Integrated the bot with a backend database for data management, improving the accuracy of recommendations.
- github.com/Ash2809/E-Commerce-Chatbot.git

Medical Bot

- Created a medical chatbot designed to provide users with accurate health information, symptom analysis, and preliminary diagnoses using machine learning algorithms.
- Trained the bot with a comprehensive dataset of medical symptoms and conditions to improve response accuracy.
- https://github.com/Ash2809/Doctor-Bot.git

Sign Language Detector

- Developed a computer vision system to recognize and interpret sign language gestures using convolutional neural networks (CNNs).
- Collected and labeled a custom dataset of sign language gestures to train the model.
- Achieved high accuracy in real-time detection and translation of sign language into text, improving communication accessibility for the hearing impaired.
- https://github.com/Ash2809/Sign-Lang-Detection

Gender Detector

- Built a deep learning model to detect gender of individuals.
- Utilized transfer learning with pre-trained models to enhance detection accuracy and reduce training time.
- https://github.com/Ash2809/Gender_Detection

Automated Email Generator

- Developed a system using generative AI to automate the creation of email responses for customer support queries.
- Implemented a transformer-based architecture to generate contextually relevant and coherent email replies(GEMINI).
- https://github.com/Ash2809/Email-Generator

SKILLS

- **Machine Learning:** Supervised Machine Learning | Unsupervised Machine Learning | NLP
- **Deep Learning:** ANN | CNN | RNN | Transformers in Tensorflow
- **Generative AI:** Langchain | Retrieval Augmented Generation | Fine Tuning llms

HOBBIES

- **Competitive Programming:** Regular participant in coder on platforms like LeetCode and Hackerank, focusing on algorithm optimization and problem-solving. Received GOLD batch in problem solving in Hackerank.

Music: Enthusiastic about classical music, playing the keyboard in a local band, and participating in musical events.