

ROHAN GUPTA

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EDUCATION

Jain University, Bangalore

Bachelor of Technology in Computer Science and Engineering

CGPA: 7.5

2022 – 2026

PROFESSIONAL SUMMARY

AI-Driven Innovator focused on converting real-world, non-technical challenges into intelligent, automated solutions. Demonstrated success in building practical applications such as AI-powered chatbots, personalized fitness platforms, and smart safety systems - blending machine intelligence with user-centric design.

PROJECTS

Prototype Chatbot using OpenAI API

2024

- Developed a chatbot prototype for a business using OpenAI API, with Firebase integration for logging user queries.
- Trained an NLP classifier achieving over 92% accuracy in intent recognition.

AI-Driven Fitness Planner Website

2024

- Built a full-stack application with Flask and MongoDB for personalized fitness planning.
- Integrated AI prompts for generating custom diet and workout plans. Frontend built with HTML, CSS, and JavaScript.

Vehicle Accident Prevention System

2023

- Designed a smart safety system using Arduino, Eye Blink Sensor, and GSM module.
- Detected driver drowsiness and triggered SMS alerts; showcased at college tech fest.

TECHNICAL SKILLS

Languages: Python, C++, Java

ML/AI Frameworks: TensorFlow, Scikit-learn, OpenCV

Backend/Databases: MongoDB, Firebase, REST APIs, Linux

Frontend: HTML, CSS, JavaScript, React

CERTIFICATES

- **Python Basics** – University of Michigan (Coursera)
Verify: Z61OY6X2TKET
- **Interactive Programming in Python (Part 2)** – Rice University (Coursera)
Verify: 33WVV9GRFSUQ
- **Introduction to Java** – LearnQuest (Coursera)
Verify: 2JP6A4LY3MYM
- **Enterprise Machine Learning** – IBM SkillsBuild