Sanchit Gupta

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EDUCATION

Indian Institute Of Information Technology , Lucknow — **Lucknow , India**
Bachelor of Technology in Computer Science and Business- ***CGPA - 7.93*** — *Dec.2021 - June 2025*

Experience

Zummit Infolabs — **Remote**
Backend Developer(Internship) — *March 2024 - Present*

- Developed and maintained APIs for various machine learning models.
- Designed and implemented an efficient database schema to store user data, ensuring optimal performance
- Collaborated with front-end developers to integrate APIs seamlessly and enhance the overall user experience.
- Performed code reviews and provided constructive feedback to team members to maintain code quality

Research Intern Under D.K.S (Assistant Prof, IIIT Lucknow) — **Lucknow, India**
Automobile part identification using raspberry pi — *Jan 2024 - March 2024*

- Developed an automated system using Raspberry Pi and the Single Shot Multibox Detector (SSD) model to identify automobile parts, enhancing accuracy and efficiency in maintenance and inventory management.
- Achieved significant improvements in identification speed and accuracy compared to traditional manual methods, demonstrating the potential for scalable applications in the automotive industry.

PROJECTS

Crop Yield Prediction | Python , Machine Learning Algorithms , HTML , CSS

- Crop Yield Prediction is a machine learning project aimed at predicting the yield of crops based on various factors such as weather conditions, soil quality, and crop type. This project leverages historical data on crop yield and environmental factors to build predictive models that can forecast future crop yields.

Blogs Site | Python , Django , Bootstrap , SQLite

- Blog Site is a web application built using the Django framework that allows users to create, publish, and manage blog posts. It provides a user-friendly interface for both administrators and visitors to interact with the blog content.

The Yoga Instructor | Numpy , Pandas , Matplotlib , OpenCV

- A deep learning model that has been trained beforehand is used to instantly estimate body postures and forecast yoga asanas.
- It accurately detects and measures angles during yoga poses, actively guiding users to perform the poses correctly in real-time.

PROGRAMMING SKILLS

Languages: C, C++, Python, Java, Dart, SQL

Technologies: Django, Django REST Framework, Django Channels, PostgreSQL, SQLite, HTML, CSS, JavaScript, Docker , Machine Learning , Natural language processing

Area of Interest: Problem-Solving, Competitive Programming, Back-end Development, Machine learning

Academic Coursework: Data Structure and Algorithm, Professional Communication, Object-oriented programming/design, Database Management System, Operating System, Computer Networks , Machine Learning

ACHIEVEMENTS

Awarded Runner-Up at Appophilia, utilizing game API to secure prizes exceeding ₹1500.
Leetcode: Attained the highest rating on LeetCode (1891), recognized as Level Knight.
GeeksforGeeks: Ranked among the Top 100 candidates on GFG coding Practice in IIIT Lucknow.
Google Coding Events: Achieved top 2000 global rank in Google CodeJam 2022 and top 2500 rank in Google Kickstart 2022.
Codechef: Rated 3 star's on CodeChef
DSA: Solved around 1000 problems from various coding platforms like CodeChef, Codeforces, LeetCode, GFG, Interviewbit, CodeStudio.