AKARSH KUMAR

B.TECH COMPUTER SCIENCE AND ENGINEERING STUDENT

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SUMMARY

Motivated and detail-oriented Computer Science student with a strong academic foundation (CGPA: 8.59) and hands-on experience in software development. Proficient in programming languages such as C, Java, JavaScript, and Python, with strong skills in full-stack web development.

EDUCATION

Bachelor of Technology - BTech, Computer Science and Engineering

Deen Dayal Upadhyaya (DDU) Gorakhpur University

📅 11/2022 - Present

TECH-STACK

LANGUAGES

C, JAVA, PYTHON

TECHNOLOGIES

MySQL, JIRA, GIT, BITBUCKET, MACHINE LEARNING

CERTIFICATION

BIG DATA
SAMSUNG INNOVATION AND CAMPUS

INTRODUCTION TO MATLAB AND SIMULINK
NIELIT, CALICUT

CYBERSECRUITY AND PRIVACY
IIT MADRAS, NPTEL

HACKBLITZ
GDSC MMMUT

PYTHON AND MACHINE LEARNING
MICROSOFT LEARN STUDENT AMBASSADOR

DATA ANALYTICS WITH PYTHON
IIT ROORKEE, NPTEL

PROJECTS

AI BASED SMART SURVEILLANCE SYSTEM

📅 01/2025

Developed an **AI-based smart surveillance system** aimed at enhancing **national security** through intelligent monitoring.

- Implemented **YOLOv8** for accurate real-time object detection.
- Focused on increasing situational awareness and supporting faster responses in critical scenarios.
- Enabled automated alerts based on suspicious activity detection.

YOLOv8

📅 03/2024

Developed an object detection system using **YOLOv8 (You Only Look Once, version 8)** for real-time performance.

- Achieved high accuracy in detecting multiple object classes in various environments.
- Utilized **OpenCV** and **Python** for video stream processing and model integration.

FITNESS FAM

📅 03/2024

Designed and developed the **Fitness Fam**, a complete website dedicated to **fitness awareness and promotion.**

- Built using **full-stack web development** technologies (HTML, CSS, JavaScript, Node.js/React, etc.).
- Created a responsive UI for a seamless experience across devices.
- Aimed to encourage healthy living and regular exercise through digital engagement.

STRENGTHS

💎 **Quick learner and adaptable to new technologies**

💎 **Strong communication and presentation skills**

💎 **Collaborative Teamwork**