

AKSHAY KUMAR

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Professional Summary

Highly motivated Data Science student with a strong foundation in machine learning, programming, and event management. Experienced in developing innovative solutions for real-world problems through collaborative projects and leadership roles.

Education

IIT Madras, Tamil Nadu, India *Bachelor's in Data Science* (2022 - 2026)

- **CGPA:** 9.00

National Institute of Electronics and Information Technology, Aurangabad, Maharashtra *Bachelor's in Electronics System Engineering* (2022 - 2026)

- **CGPA:** 8.0

Loyola High School, Patna, Bihar *Science High School* (2019 - 2021)

- **Percentage:** 89%
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Experience

Group Leader, Corbett House - IIT Madras, Chennai, India *AUG 2023 - AUG 2024*

- Led the Corbett House team, honing communication and management skills.
 - Successfully organized and oversaw team initiatives and events, fostering collaboration and leadership.
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Volunteering

Chess Tournament Organizer, Ascend 3.0 - NIELIT Aurangabad, Maharashtra *OCT 2024 - NOV 2024*

- Successfully organized a college-level chess tournament.
 - Gained experience in event organization, teamwork, and operational management.
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Skills

Programming Languages: Python with DSA , Java with DSA, JavaScript

Web Development: HTML, CSS

Libraries/Frameworks: Flask, Jinja,vue js

Tools / Platforms: Linux Commands, Git, VS Code, PyCharm

Machine Learning Libraries: NumPy, Pandas, scikit-learn

Databases: PostgreSQL, SQLite

Projects / Open-Source

Influencer Mart App

- **Technologies:** Flask, SQLite, HTML, CSS, Bootstrap, Flask-SQLAlchemy
- Developed a platform connecting influencers with companies for better collaboration and business.

Household Services App

- **Technologies:** Flask, SQLite, HTML, CSS, Bootstrap, Flask-SQLAlchemy
- Created a solution for connecting households with electricians, plumbers, and other service professionals.

Quiz Master

- **Technologies:** JavaScript, Vue.js, Flask, SQLite, HTML, CSS, Bootstrap, Flask-SQLAlchemy
- Built a platform for students and teachers to create, attempt, and visualize mock tests.

Security Pro

- **Technologies:** JavaScript, Vue.js, Flask, SQLite, HTML, CSS, Bootstrap, Flask-SQLAlchemy, Machine Learning (YOLO, OpenCV)
- Developed a security camera solution to automatically detect and log vehicle number plates in parking lots.

Stocks Pro

- **Technologies:** Machine Learning, JavaScript, Vue.js, Flask, SQLite, HTML, CSS, Bootstrap, Flask-SQLAlchemy
- Designed a stock behavior prediction model to assist firms in profit optimization.

Gesture Link

- **Technologies:** Raspberry Pi, Machine Learning (OpenCV), JavaScript, Vue.js, Flask, SQLite, HTML, CSS, Bootstrap, Flask-SQLAlchemy
- Developed a system to control laptops through hand gestures.

Certifications

- Python Basics - Hackerrank ([View Certificate](#))
- IIT Madras BS Degree Foundation - IIT Madras
- Data Science Using Python
- SQL - Hackerrank

Soft Skills

- Teamwork
- Communication
- Time Management
- Adaptability