

Rohan Kumar

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Objective

Motivated and detail-oriented B.Tech CSE third-year student with a keen interest in Machine Learning and Full-Stack Development. Passionate about applying theoretical knowledge to realworld challenges and continuously learning new techniques in both fields. Seeking an internship or entry-level role where I can contribute to innovative projects and further develop my skills.

Skills

- **Programming Languages:** Python, JavaScript, C++, HTML, CSS
- **Machine Learning:** Supervised & Unsupervised Learning, Neural Networks, Deep Learning
- **Full-Stack Development:** Flask,HTML,CSS,MySQL
- **Tools & Frameworks:** TensorFlow, Keras, Scikit-learn, Pandas, NumPy
- **Data Visualization:** Matplotlib, Seaborn
- **Version Control:** Git, GitHub
- **Soft Skills:** Excellent Communication, Leadership, Teamwork, Time Management, Problem Solving
- **Other:** RESTful APIs, Responsive Web Design

Education

B. Tech in Computer Science and Engineering

IKGPTU Kapurthala | Batch: 2022-2026 | CGPA: 8.75 till 4th sem

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Database Management, Full-Stack Development, Artificial Intelligence, Deep Learning,GUI.

Projects

1. Machine Learning Model for movie recommendation, flight price prediction model, car price prediction integrated with GUI.
2. Crime Scene Detection and Reconstruction with Machine Learning and Deep Learning.
3. Sentiment Analysis using NLP.

4. Full-Stack Web Application for Blog Website.
5. Face Recognition System using OpenCV and CNN.
6. Personal Voice Assistant using Python.

Work experience as a Home Tutor

[for 4 years]

- Provided one-on-one tutoring in subjects such as Math, Science, English, Social Sciences and Computer Science for school and college-level students.
- Demonstrated strong communication and teaching skills, explaining complex concepts in a clear and effective manner.
- Helped students improve their academic performance through personalized lesson plans, exercises, and regular feedback.
- Developed an engaging learning environment that encouraged curiosity and motivation for students to excel.

Industrial Training

Machine Learning with Python (Industry Training)

NIELET Patna | Duration: [1 Month, 2024]

- Gained hands-on experience in implementing machine learning algorithms to solve realworld problems.
- Worked with Python and libraries for building models and analysing data.
- Developed a project focused on Flight Price prediction using multiple Supervised Learning techniques.

Certifications

- **Machine Learning with Python** – NIELET Patna(1 Month, 2024)
- **Full-Stack Web Development** – [IKGPTU Kapurthala]
- Application Of Multiple AI Tools - Be10X

Extracurricular Activities & Achievements

- **Cricket:** Actively participated in university-level cricket tournaments, demonstrating teamwork, strategy, and leadership skills.
- **Football:** Competed in university football competitions, showcasing agility, coordination, and collaborative gameplay.

- **Badminton:** Engaged in badminton tournaments at the university level, highlighting precision, endurance, and competitive spirit.
- **Quiz Competitions:** Successfully participated in various quiz contests, exhibiting strong general knowledge, analytical skills, and quick thinking.

Volunteer Experience

Universal Human Values Workshop

IKGPTU Kapurthala

- Volunteered at the Universal Human Values Workshop, promoting ethics, integrity, and social responsibility among participants.
- Engaged in discussions and activities focused on fostering empathy, moral values, and human dignity.
- Helped create an environment conducive to learning about human values and contributing to a more ethical society.

Languages

- **English:** Fluent, Excellent Communication Skills
- **Hindi:** Native

Leadership & Personal Qualities

- Proven leadership qualities through active participation in university-level extracurricular activities.
- Strong interpersonal and communication skills, with a natural ability to collaborate and lead teams.
- A person with strong ethics and good human values, committed to making a positive impact both professionally and socially.
- Ability to quickly adapt and learn new technologies, especially in the fields of Machine Learning and Full-Stack Development.

Declaration

I hereby declare that the information provided is true to the best of my knowledge.

Rohan Kumar

Date (02-04-2025)