ROUNAK KUMAR

Noida, Uttar Pradesh

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EDUCATION

Galgotias University, Greater Noida, Uttar Pradesh   **2021 – 2025**
B.Tech - Computer Science and Engineering - CGPA - 8.39   *Greater Noida, Uttar Pradesh*

INTERNSHIP

Green Rider Technology   **Nov 2024 - Jan 2025**
Prompt Engineer   *On-site*

- Design, develop, and refine AI-generated text prompts for various applications.
- Monitor and analyze prompt performance to identify areas for improvement.
- Optimize AI prompt generation process to enhance overall system performance.
- Stay up-to-date on advancements in AI, NLP, and ML.
- Collaborate effectively with cross-functional teams.
- Assess AI models by collecting and analyzing feedback.

Zidio   **July, 2024 – October, 2024**
Web Developer   *Remote*

- Developed a job listing portal using Python and Flask, implementing user authentication and certificate verification features.
- Designed a responsive user interface with React.js and created RESTful APIs for data management and user interaction.

PROJECTS

Real-Time Chat Application | *Django, WebSockets* | ↗

- Developed a real-time chat application using Django, WebSockets, and Django Channels.
- Implemented user authentication, private and group chats, and real-time message updates.
- Designed a responsive UI with Bootstrap for seamless user experience.

Movie Recommendation | Flask, Python, Bootstrap, Artificial Intelligence, Machine Learning | ↗

- Developed a Flask-based web platform integrating machine learning algorithms to provide personalized movie recommendations.
- Improved user experience by implementing intelligent recommendation systems, optimizing platform performance.

Inert AI Farming | Flask, Python, Bootstrap, Artificial Intelligence, Machine Learning | ↗

- Developed a Crop Yield Prediction system using Random Forest with weather and soil parameters.
- Created a Fertilizer Recommendation tool based on soil type and weather data.
- Implemented a Price Prediction model using SARIMAX and government WPI data.
- Established a Marketplace for farmers to connect directly with sellers.

TECHNICAL SKILLS

- **Languages:** Python, Java
- **Technologies/Frameworks:** HTML, CSS, Django, Flask, Artificial Intelligence, Machine Learning, Git, GitHub, MongoDB, MySQL

Achievements

Finalist in Dark Pattern Buster Hackathon

2023

- Finalist in the Dark Pattern Buster Hackathon, developed a browser extension to detect and counter deceptive website tactics, enhancing user protection.

Top 5 in HackWithDelhi

2024

- Celebrated for groundbreaking solutions in crop prediction, fertilizer optimization, price forecasting, disease detection, and real-time agricultural news.