RAHUL GARG

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EDUCATION

B.E - Thapar Institute of Engineering and Technology - Computer Engineering   **2022 – 2026**
Expected in 2026 - **CGPA** *-* **7.50**   *Patiala, India*

EXPERIENCE

Medlr Solutions Private Limited , Chandigarh   **Jun 2025 – Present**
Data Science Intern – *LLM-based Applications, NLP, and WebScraping Tools*

- Working on LLM-driven applications involving prompt engineering, fine-tuning, and integration of generative AI workflows in real-world scenarios.
- Contributing to projects leveraging Large Language Models (LLMs) for building intelligent, domain-specific AI solutions.
- Performed data preprocessing and web scraping using Pandas, NumPy, BeautifulSoup, Selenium and Puppeteer.
- Built and evaluated ML/NLP models with Scikit-learn, PyTorch, and Hugging Face Transformers; contributed to real-world integration of NLP pipelines.

Position Of Responsibilities

Micrososft Learn Student Chapter   **Nov 2022 – May 2024**
Core Member   *Patiala*

- Trained over 60 new team members on Company procedures and objectives,enhancing team efficiency.
- Strategized and executed marketing plans for flagship event, achieving a 15% increase in event visibility and closing dealswith top-tier sponsers totaling 1,00,000.
- Managed and conducted Hackathon eith over 400 participats.

Student Alumni Interaction Cell   **Sep 2023 – Dec 2024**
Core Member   *Patiala*

- Led a team of over 100 individuals, fostering collaboration with the official Alumni Relations Cell of Thapar Institute of Engineering and Technology, to drive strategic initiatives and enhance engagement within the alumni network.
- Cross-functional experience in Technical, Marketing, and Finance departments of the cell , demonstrating a versatile skill set and a comprehensive understanding of diverse business functions.

PROJECTS

Calorie Detection System | YOLOv5, LabelImg, OCR & Flask   **Jan 2025 – Feb 2025**

- Designed an automated calorie detection system using YOLOv5 for object detection and EasyOCR for text recognition, achieving 60% accuracy in extracting calorie information from food labels.
- Built a Flask-based web interface with OpenCV-enhanced image preprocessing for real-time calorie detection and user-friendly interaction.

AID Bridge NGO | HTML, CSS, JavaScript, Node.js, MongoDB, ReactJS   **Sept 2024 – Dec 2024**

- Developed a full-stack web platform to streamline NGO donations with category-wise options.
- Designed dashboards for both donors and NGOs to enable real-time donation tracking and record management.
- Led frontend and automation tasks; contributed to backend logic and database integration using Node.js and MongoDB.

HerCraft-Hub | HTML, CSS, JavaScript, ReactJS   **Oct 2024 – Nov 2024**

- Developed an e-commerce platform focused on empowering rural women by enabling them to sell handmade products directly , with a simple and intuitive interface for easy navigation.
- Improved skills in creating responsive and interactive web components.

TECHNICAL SKILLS

Programming Languages: C, C++, Python, R, JavaScript, SQL,

Libraries, Frameworks & Technologies: LLM, BeautifulSoup, Selenium, Puppeteer, React.js, Tailwind CSS, Arduino Programming, Opengl, OpenCV

Web Development: HTML, CSS, Javascript, Tailwind CSS, React