

# RAHUL GARG

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LinkedIn

GitHub

## 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 – July 2026**

*Data Science Intern – LLM-based Applications, NLP, and WebScraping Tools*

- Developed LLM-based applications with prompt engineering, fine-tuning, and integration into real-world AI workflows for domain-specific solutions.
- Performed data preprocessing and automated web scraping using Pandas, NumPy, BeautifulSoup, Selenium, and Puppeteer.
- Implemented API testing workflows using LiteStar framework and conducted comprehensive unit testing to ensure robust application performance and reliability in production environments.

## PROJECTS

**Skill Gap Analyser** | LLM(OpenAI), pdf-Parse, Puppeteer, Express.js, ReactJS,

**June 2025 – July 2025**

- Developed a full-stack web application that uses Azure GPT-4.1 to analyze resumes, identify skill gaps, and instantly generate personalized learning roadmaps to help students grow in their target roles
- Designed an intelligent clarifier that asks targeted questions and infers missing skills to deeply understand the user's background
- Generated tailored upskilling roadmaps and recommended YouTube tutorials using dynamic scraping and LLM-based ranking

**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.

## Position Of Responsibilities

**Microsoft 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 the flagship event, achieving a 15% increase in event visibility and closing deals with top-tier sponsors totaling INR 1,00,000.
- \* Managed and conducted a hackathon with over 400 participants.

**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.
- \* Gained cross-functional experience in the Technical, Marketing, and Finance departments of the cell, demonstrating a versatile skill set and comprehensive understanding of diverse business functions.

## 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, MongoDB , Express