

MANYA LUTHRA

Coder ~AI Enthusiast

luthramanya77@gmail.com

+91 9891285980, Gurugram,India

[Portfolio](#) — [LinkedIn](#) — [Leetcode](#) — [GitHub](#)

EDUCATION

Year	Degree /Institution	CGPA / %
2022-2026	B.tech CSE(Spec.AIML) The Northcap University, Gurugram	8.83 (ongoing)
2022	CBSE XII, St. Michael Sr. Sec. School, Gurugram	92.6%
2020	CBSE X,Our Lady of Fatima Convent School, Gurugram	92.2%

EXPERIENCE

Rockwell Automation India Pvt. Ltd

Jun 2025 - Aug 2025

Software Intern

- Designed and implemented a Flask-based OCR web application using Tesseract and Azure SQL to automate extraction of equipment data from manuals, reducing manual processing time
- Worked closely with automation engineers to integrate the solution into Rockwells maintenance workflow, aligning with industrial automation standards. [View Certificate](#)

PROJECTS

OCR Web App with Azure SQL Integration

Jun 2025 - Aug 2025

Built a Flask-based web app using Tesseract OCR to extract and analyze values/units from images in real-time, with intelligent unit correction. Implemented Azure SQL for data storage and deployed it, featuring interactive dashboards for data visualization.

Technologies used: **Python, Flask, Tesseract, OpenCV, Azure SQL, JavaScript**

[\[Link\]](#)

E-commerce Sentiment Analysis Dashboard

Jun 2024 - Jul 2024

Built an AI system classifying reviews (87% accuracy). Predicts ratings (0.99 AUC) using Python/NLP.

Deployed Flask dashboard on local machine. Technologies used : **Machine Learning / NLP.** [\[Link\]](#)

Red Wine Quality Prediction Model

Nov 2024 - Jan 2025

Developed an ML-powered web app to predict wine quality from chemical properties, featuring real-time input and model performance visualization. Technologies used : **ML/HTML/CSS** [\[Link\]](#)

SKILLS

- Languages:** JAVA, Python, HTML, CSS, JavaScript
- Subjects / Skills:** Computer Vision, NLP, Deep Learning, Machine Learning, DSA, IOT
- Database/Tools:** Azure, GitHub, Leetcode, MySQL

CERTIFICATIONS

- PrepInsta Technologies Pvt. Ltd -[Javascript](#) [CSS](#) [HTML](#) [NLP](#)
- Microsoft Azure AI Fundamentals [Certificate](#)

ACHIEVEMENTS/PATENTS

- An intelligent cooling system for dynamic monitoring, prediction and optimization of storage conditions in real time** Published under German Patent and Trademark Office (DPMA), **Application No. 20 2025 102 115.3.**
- Water Management System**,Published under Indian Patent Office **Application No. 202311072065.**
- 2nd Place – ACM Code Rush @ NCU
- Reconciliation Prize – Ideathon @ NCU
- Merit Scholarship – The NorthCap University, 2023
- 50 Days Leetcode Badge [View Badge](#)
- LeetCode Daily Coding Challenge (DCC) Badge – July 2025 [View Badge](#)