

IMTISAL SAHIL  
ANSARI

Software Engineer &  
AI/ML Researcher

CONTACT

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SUMMARY

Aspiring Software Engineer & AI/ML Researcher with hands-on experience in Java, C++, Python, and Machine Learning. Skilled in backend development, cloud computing, and NLP research. Strong background in causal inference with LLMs, data-driven problem-solving, and building scalable applications.

PROJECTS

**LLM-Based Cause-and-Effect Extraction from Hindi Agricultural Content**

- Conducted research on extracting cause-and-effect relationships from Hindi agricultural videos using LLMs (ChatGPT, DeepSeek, Claude, Co-pilot).
- Designed manual annotations, applied prompt-based methods, and evaluated model performance with custom metrics.
- Highlighted ChatGPT's consistent accuracy, challenges in implicit causality, and the need for domain-specific fine-tuning.

**Machine Learning for Agriculture**

- Collected and processed multilingual agricultural video transcripts (Hindi/English).
- Manually annotated cause-effect pairs to link crop diseases with remedies.
- Provided dataset for researchers to apply deep learning models and developed insights for chatbot applications.

**USP of E-Commerce Products**

- Built a web app (Python, Flask, BeautifulSoup, MySQL) to scrape e-commerce reviews.
- Extracted unique selling points (USPs) from customer reviews to improve product discovery.

**Hotel Management System**

- Developed a digital hostel management system to replace paper-based records.
- Implemented room allocation, visitor logs, and outpass generation features using Java & SQL.

EDUCATION

B. Tech in Computer Science & Engineering, VIT Bhopal, India (2022 – 2026)  
CGPA: 8.08

Vishwa Bharati Public School, Noida, India – Class XII (CBSE – PCM) | Apr 2020 – May 2021  
Percentage: 90.8%

Vishwa Bharati Public School, Noida, India – Class X (CBSE) | Apr 2018 – May 2019  
Percentage: 92.8%

SKILLS

Languages: Java, Python, C, C++

Frameworks & Tools: Spring, Flask, SQL, Odoo

AI/ML: NLP, LLMs, Machine Learning, Causal Inference

Other: Cloud Computing, JVM Internals

TRAINING/  
CERTIFICATES

- Java Backend Development (GeeksforGeeks – Live Certificate)
- Data Structures & Algorithms (Intermediate)
- Cloud Computing (Coursera – Completed)

CERTIFICATES

Odoo Hackathon Finalist (Built ERP extensions in a competitive setting)