Imtisal Sahil Ansari

Software Engineer | AI/ML Researcher

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Education

- **B.Tech in Computer Science & Engineering**, VIT (2022–2026) — CGPA: 8.03
- **Class X & XII (PCM)**, Vishwa Bharati Public School — X: 92.8%, XII: 90.8%

Skills

Java Python JavaScript HTML CSS REST APIs
WebSockets PostgreSQL MongoDB MySQL
Git JWT NLP AI/ML

Experience

Backend Engineering Intern, Design Tribe   *Nov 2025 – Jan 2026*
Remote

- Contributed to backend development for active product modules, focusing on API design and system logic.
- Conducted technical research to support feature planning and architectural decisions.
- Collaborated in agile sprints and provided light frontend integration support.

Publications

- "Evaluating LLMs for Causal Extraction from Transcribed Hindi Agricultural Data", *PReMI 2025*, IIT Delhi

Projects

1. AgriInsight AI – Intelligent Farming Assistant   *Live Demo*
React, Vite, Generative AI, Computer Vision, Vercel

- Built an AI-powered farming assistant for disease detection, irrigation planning, yield prediction, and market insights.
- Integrated bilingual (English/Hindi) voice and chat assistance with real-time dashboards.
- Deployed serverlessly on Vercel with secure API key management.

2. InboxIntel AI – Intelligent Email Assistant   *Live Demo*
TypeScript, Node.js, Express, MongoDB, Gmail API, OAuth 2.0

- Developed an AI-powered email assistant for summarization, sentiment analysis, urgency scoring, and smart replies.
- Implemented OAuth 2.0 authentication and Gmail synchronization.
- Optimized MongoDB schemas to reduce API quota usage.

3. 4 in a Row – Real-Time Multiplayer Game   *Live Demo*
Go, WebSockets, PostgreSQL, Kafka, Docker, Render

- Built a real-time multiplayer game using Go and WebSockets with intelligent AI bot fallback.
- Designed REST APIs with PostgreSQL persistence using GORM.
- Dockerized services and deployed on Render with Kafka-based analytics.

Certifications

- Java Backend Development — GeeksforGeeks
- Cloud Computing — Coursera
- Bits and Bytes of Computer Networking — Google

Achievements

- Solved 300+ DSA problems on LeetCode and Coding Ninjas.
- Odoo Hackathon 2025 participant; led a team of 4 to build a full-stack e-commerce platform.