

ASIM HUSAIN

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SUMMARY

Software Engineer pursuing B.Tech in Computer Science with a specialization in AI and ML. I'm passionate about designing and developing reliable, efficient, and scalable software solutions. Highly motivated to contribute, learn, and grow across all stages of the software development lifecycle. I'm skilled in Python and have strong knowledge of system design and modern development practices.

EDUCATION

B.Tech CSE (AI ML Specialization) — CGPA: 8.2/10

Expected 2026

Teerthanker Mahaveer University, Moradabad, UP, India

SKILLS

Technical Skills: Python, SQL, HTML, CSS and AI/ML

Tools & Platforms: Git, GitHub, Docker, Azure, CI/CD GitLab, VS Code, n8n

Soft Skills: Communication, Problem-Solving, Logical Thinking, Adaptability, Collaboration

EXPERIENCE

Data Analysis Intern

June 2025 – August 2025

Cetpa Infotech, Noida, India

- Optimized data pipelines by automating repetitive preprocessing tasks using SQL queries and Python scripts, reducing manual effort and improving overall data handling efficiency.
- Processed and analyzed large datasets, performing cleaning, transformation, and feature engineering using Pandas, NumPy, Matplotlib, and SQL to clean, join, and aggregate data for generating actionable business insights.
- Developed automated SQL reports and maintained well-documented datasets and scripts, ensuring reproducibility, scalability, and seamless transition from experimentation to production deployment.

PROJECTS

Virtual Interviewer [GitHub](#) — [Live](#)

- Developed an AI-powered web platform that simulates real technical and HR interviews, integrating AI APIs (GPT-3.5, Claude-3) for dynamic question generation and automated response evaluation.
- Implemented voice interaction using Web Speech API, enabling speech-to-text and text-to-speech for realistic, hands-free interview sessions and enhanced accessibility.
- Built using Python (Flask), HTML, CSS and analyzed user responses with TextBlob sentiment and tone evaluation, and CI/CD enabled deployment on Vercel for cross-platform performance.

Diseases Risk Analyzer [GitHub](#) — [Live](#)

- Developed an AI-powered healthcare web platform capable of multi-diseases risk analyzing with 95% average accuracy, integrated an AI Medical Assistant for efficient symptom analysis and medical inquiries.
- Engineered a scalable, privacy-centric system with optimized response times and local data storage, ensuring high performance and strong user data protection with automated health report generation.
- Delivered a complete, end-to-end healthcare solution, incorporating a conversational AI for medical queries, patient profile management and containerized deployment on Azure Container Apps using Docker for cloud performance.

ACHIEVEMENT

GitHub Foundations ([GitHub](#)) SQL Basics ([HackerRank](#)) Big Data ([NPTEL](#)) Azure Cognitive Service ([Coursera](#))