MOHSIN KHAN

+91 9696800213 | mohsinkhanaiml@gmail.com | Kanpur, India

linkedin.com/in/mohsin-khan-aiml | github.com/mohsinkhan85090 | leetcode.com/u/mohsin85090 | Portfolio

EDUCATION

Bachelor of Technology in Artificial Intelligence and Machine Learning 2023 - 2027
Pranveer Singh Institute of Technology, Kanpur, India
CGPA : 8.55 / 10
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems

TECHNICAL COMPETENCIES

Languages:	Python, Java, C
Web Development :	HTML, CSS,JavaScript
Frameworks & Libraries:	React, Spring Boot, Flask
Databases:	SQL, Firestore
CS Fundamentals:	Data Structures & Algorithms, Object-Oriented Design, Complexity Analysis
Tools & Platforms:	Git, GitHub, VS Code, CI/CD, Automated Testing, Distributed Systems
Additional Skills:	Quick Learner, Team Collaboration, Quality-Oriented, Effective Communication

PROJECTS

Legal Chatbot – AI-Powered Legal Rights Advisor — GitHub
Tech Stack: Python, Flask, Firestore, RAG (Gemini API), Distributed Systems

- Implemented information retrieval algorithms (RAG + Gemini API) to improve query accuracy by 30%+ in retrieving legal sections.
- Built a multi-tier scalable application (Flask + Firestore) handling 1,000+ concurrent queries during testing.
- Collaborated in a 4-member team, reviewing 15+ GitHub PRs to maintain clean, production-ready code.

Healthcare Appointment System – Full-stack Web Application — GitHub
Tech Stack: Java, Spring Boot, SQL, Thymeleaf, HTML/CSS

- Developed end-to-end hospital management system for patients, doctors, and appointments.
- Designed relational database schema for scalable scheduling and tracking.
- Implemented responsive UI with Thymeleaf + CSS; optimized queries for fast booking.

Phishing Detection – AI-Powered URL & Email Detection Tool — GitHub
Tech Stack: Python, TensorFlow, Scikit-learn, Flask, Git

- Trained and deployed phishing detection model with 95% accuracy on real-world datasets.
- Built a scalable RESTful Flask API with CI/CD integration and 95% reliability under load testing.
- Implemented unit testing & secure deployment, improving robustness of the system.

CERTIFICATIONS

- Problem Solving - HackerRank Certificate
- Machine Learning Training – Internshala Certificate
- Building LLM Applications (Prompt Engineering)- NVIDIA Certificate
- Software Engineering Intern - HackerRank Certificate