MOHSIN KHAN

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Kanpur, Uttar Pradesh, India

CAREER OBJECTIVE

Aspiring Software Developer with a strong foundation in Data Structures, Algorithms, and Core CS principles. Skilled in Python, Java, and modern web development (React, Node.js), with hands-on experience in building AI/ML-driven applications. Eager to contribute to innovative, scalable software solutions in a collaborative and high-impact environment.

EDUCATION

• **Pranveer Singh Institute of Technology,Kanpur, India**   2023 - 2027
  B.Tech in Artificial Intelligence and Machine Learning
  GPA: 8.55/10.00

TECHNICAL COMPETENCIES

Frontend Development	React.js, HTML5, CSS3, JavaScript, Tailwind CSS, Next.js
Backend Development	Python, REST APIs, Express.js
AI & LLMs	TensorFlow, Scikit-learn, OpenAI API, LLMOps
Core CS Concepts	Data Structures & Algorithms, Operating Systems, DBMS, OOP
Tools & Platforms	Git, GitHub, Visual Studio Code
Additional Skills	Quick-Learner, Debugging, Documentation, Modular Code Design, Team Collaboration

PROJECTS

• **VoiceBrowse –** Chrome Extension for Voice-Controlled Browsing (GitHub Link)
  Tech Stack: JavaScript, HTML, CSS, GitHub

  ◦ Created a Chrome extension that lets users control browser actions using voice commands.
  ◦ Used JavaScript's Web Speech API to handle voice recognition and commands.
  ◦ Built voice UI with real-time validations and error handling.
  ◦ Focused on improving accessibility for users who prefer or need voice-based interaction..

• **Phishing Detection –** ML Model to Classify URLs (GitHub Link)
  Tech Stack: Python, pandas, scikit-learn

  ◦ Built a machine learning model that checks whether a URL is safe or phishing.
  ◦ Used features like domain structure and special characters, and trained models such as logistic regression and decision trees.
  ◦ Evaluated the model using accuracy and confusion matrix to compare performance.

• **Yoga-AI –** AI-Based Yoga Pose Recognition App (GitHub Link)
  Tech Stack: Python, TensorFlow, OpenCV

  ◦ Developed an app that uses a webcam to detect yoga poses and give basic feedback.
  ◦ Collected and cleaned image data to train a pose recognition model using TensorFlow.
  ◦ Aimed to make yoga guidance more accessible using AI and computer vision.

ACHIEVEMENTS

AgentBlazor Champion 2025: Recognized for AI Agent skills via Salesforce Trailhead

TCS CodeVita 2024: Cleared Round 1 | Ranked 4665 / 9500+

Naukri Campus Quiz: Ranked 13,095 / 3.5+ Lakh participants

Hackerrank: 5 Star in C, 4 Star in Python and 5 Star in Java

LeetCode: Solved 200+ Questions, Achieved 1770+ Contest rating

CERTIFICATIONS

Certified in Soft Skills – NPTEL (2024)

MLOps for Generative AI – Google Cloud

LLM Development Prompt Engineering – NVIDIA

Fundamentals of Generative AI ML – Microsoft Learn

Problem Solving Certificate – HackerRank