

Anmol Khurana

Roorkee, Uttarakhand, India | +918439884700 | anmolkhurana@gmail.com
in <https://linkedin.com/in/anmol-khurana-3b274425b> | <https://github.com/anmolkhurana490>

Full Stack Developer specializing in AI/ML with a proven track record of designing and deploying scalable web applications and intelligent systems. Proficient in leveraging the MERN stack to create high-performance, user-focused solutions. Committed to optimizing performance and fostering team collaboration to drive impactful results.

PROJECTS

Yoga Pose Recognition and Correction System

Aug 2024 – Dec 2024

- Developed a real-time system using Mediapipe and TensorFlow, capable of identifying and correcting 82 different poses.
- Targeting a 95% accuracy rate, helping users improve their form through precise visual feedback. Integrated pose tracking with real-time corrective feedback to enhance user experience, contributing to better posture and alignment.
- Designed the project to scale, supporting further pose addition and enhanced feedback capabilities for over 100 users.

Movie Recommendation System

Feb 2024 - May 2024

- Developed a movie recommendation system using KNN and KMeans algorithms, improving recommendation accuracy by 25% and recommending movies from a 5,000+ title IMDB dataset.
- Integrated Flask for a seamless user experience, boosting user engagement by 50% with personalized recommendations.
- Focused on improving user retention by optimizing the recommendation engine based on collaborative filtering.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Expected Aug 2026

COER University

Roorkee, India

- Cumulative GPA: 8.1/10
- Relevant coursework: Data Structures, Algorithms, Database Management, Software Engineering, Operating System.

Higher Secondary Education (PCM)

Jul 2021

Montfort School, Roorkee, India

SKILLS

Programming Skills: Python, Java, C, SQL, JavaScript

Web Development: Full Stack Development, Express, React.js, Node.js, MongoDB, Tailwind CSS, REST APIs, HTML, CSS

Tools & Technologies: Machine Learning, Database Design, Flask, Tkinter, AWS (EC2), Git (Version Control), VS Code

Professional Skills: Logical Thinking, Problem Solving, Effective Communication, Task Management, Adaptability

ACHIEVEMENTS

LeetCode Achievements: Demonstrated consistency in about 300 solving complex coding problems on LeetCode, earning multiple badges and ranking among the top 4.7% percentile of users.

Project Showcase: Selected for showcasing the Movie Recommendation System at the annual COER University project exhibition among top 10% projects, highlighting innovation in personalized recommendations.

STRENGTHS

Strategic Approach: Demonstrated a strategic approach to deconstructing complex problems, identifying root causes, and delivering efficient, scalable solutions that improved system performance and aligned with business objectives.

Targeting Perfection: Committed to achieving high-quality results by focusing on the finer details of projects, ensuring alignment with requirements and standards to deliver optimal outcomes.

CERTIFICATES

Generative AI for Everyone

Completed in Aug 2024

DeepLearning.AI

HTML, CSS, JavaScript for Web Developers

Completed in Sep 2023

Johns Hopkins University