Keshav Laddha

keshavladdha23@gmail.com| +919413285085 | https://www.linkedin.com/in/keshav-laddha-587b87255/

PROFILE SUMMARY

Seeking an entry-level software developer position where I can apply my skills in machine learning, FastAPI, and problem-solving to build scalable and efficient AI-driven applications. With a strong foundation in developing APIs and backend systems, I am eager to contribute to innovative projects, collaborate with a dynamic team, and continuously enhance my technical skills.

SKILLS

Programming Languages: C++, Python, Java

Database: SQL (MYSQL, SQLite)

Frameworks & Libraries: FastAPI, TensorFlow, SQLAlchemy

PROJECTS

Reverse Image Search Using Image Hashing

Developed a reverse image search engine that retrieves visually similar images from a database using input images, enhancing search capabilities beyond text-based queries. Leveraged Python, Gradio for the user interface, SQLite for storage, and ImageHash for efficient image comparison and hashing. Opted for image hashing due to its simplicity, speed, and low computational cost, making it a practical alternative to deep learning for resource-constrained projects.

Blog API Using FastAPI

Developed a scalable and secure RESTful API for a blogging platform using FastAPI, featuring JWT-based authentication for secure user access. Designed and implemented CRUD operations for blog management, enabling seamless content creation, updating, and deletion. Utilized SQLite as the database with SQLAlchemy for efficient data handling and ORM capabilities.

Rock Paper Scissor Using Hand Detection

Developed an interactive rock-paper-scissors game that uses OpenCV for real-time hand gesture detection and the random library to generate AI moves. The game allows users to play against an AI opponent by detecting their hand gestures through a webcam. Implemented hand detection to accurately recognize the user's move (rock, paper, or scissors), ensuring a seamless and engaging gameplay experience. The AI opponent's move is randomly generated, creating a fair and dynamic interaction.

EDUCATION

Bachelors in Computer Science Engineering, Chandigarh University (2022-2026)
CGPA: 8.26

XII (CBSE), Central Academy School (2021-2022)
Percentage: 84.4

X (CBSE), Central Academy School (2019-2020)
Percentage: 91.16

CERTIFICATES

Multi Core Computer Architecture (Gold Certificate), NPTEL

Introduction to Databases, Coursera