

ROHAN KV

rohankvximcb@gmail.com | +91 9384191550 | Tamil Nadu, India | GitHub: github.com/Rohan-KV

PROFESSIONAL SUMMARY

Final-year Computer Science student with hands-on experience in backend development, web applications, and machine learning projects. Skilled in building scalable applications using Python and modern frameworks. Seeking an entry-level Software Engineer role to develop efficient and reliable systems.

WORK EXPERIENCE

Srishti Innovative

React JS Intern Technopark Campus

Duration: 2 Weeks

- Created reusable UI components utilizing React, enhancing code efficiency and maintainability
- Collaborated in implementing component-based architecture, streamlining frontend development workflows and improving application performance

EDUCATION

St. Xavier's Catholic College of Engineering • 2022 - 2026

B.E. Computer Science and Engineering | GPA: 7.33

SKILLS

Languages: Python • SQL • PHP

Frameworks: Flask • React

Tools: Git • SQLite

Core Concepts: Data Structures • Web Development • REST APIs • Basic Machine Learning

Soft Skills: Team Coordination • Adaptability • Communication

PROJECTS

Sign Language Recognition System

Designed a real-time hand gesture recognition system using MediaPipe and Python, enhancing accessibility by optimizing it for non-GPU environments. Achieved approximately 95% accuracy with a trained classification model, enabling efficient processing of live webcam input.

CatBox API Web Application

Developed a secure file upload and management web application with Flask, featuring advanced authentication and session handling for data integrity. Created RESTful features to streamline file sharing and storage, ensuring a robust and user-friendly experience.

Personal Knowledge Vault

Built a web-based note management system with tagging and search functionalities to improve organization. Utilized Flask, SQLite, and Jinja templates to implement efficient CRUD operations and filtering features, offering an intuitive and dynamic user interface.