

Utkarsh Pandey

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PROFILE SUMMARY

A motivated and results-driven Computer Science student with hands-on experience in frontend development, database management, and building practical applications. Skilled in C++, Python, and MySQL, I'm passionate about creating efficient, user-friendly software solutions. I'm excited to bring my technical skills and fresh ideas to a software engineering role where I can work collaboratively with innovative teams.

EDUCATION

Shri Vaishnav Institute of Information and Technology, Indore Bachelor of Technology in Computer Science CGPA: 6.69	September 2021 - June 2025
Mount Carmel H. Sr. School, Indore 12th Grade Percentage: 78.4%	June 2020 - April 2021
Sanskar Vidhya Vihar H. Sr. School, Chandrawati Ganj, Indore 10th Grade Percentage: 76.8%	June 2018 - April 2019

TECHNICAL SKILLS

Programming Languages:	C, C++, Python, MySQL
Frameworks/Libraries:	Pandas, Numpy, Logistic Regression, Scikit-learn, Matplotlib
Automation & AI Tools:	Make.com, Zapier, n8n, Relevance AI
Relevant Coursework:	Data Structures, DBMS, OOPS, Software Engineering

PROJECTS

YouTube Agent <i>Relevance AI, n8n, Python</i> <ul style="list-style-type: none">Developed intelligent YouTube content agent using Relevance AI with 85% accuracy in content categorization and automated video analysis.Implemented automated workflows using n8n, reducing manual content processing time by 50% and improving video performance metrics.	January 2025 - February 2025
Stripe Invoice Automation <i>Make.com, Stripe API, Zapier</i> <ul style="list-style-type: none">Integrated Stripe with Make.com workflows for automated invoice creation, reducing manual billing time by 60% and improving cash flow.Built end-to-end financial automation with custom webhooks, resulting in 40% increased operational efficiency for small businesses.	December 2024 - January 2025
Heart Disease Prediction <i>Python, Numpy, Pandas, Tkinter, Sklearn, Matplotlib</i> <ul style="list-style-type: none">Enhanced data processing efficiency by 30% using Numpy and Pandas on 350+ entries dataset with optimized preprocessing techniques.Developed interactive UI with Tkinter and Matplotlib, achieving 89% accuracy with KNN and 20% improved user engagement.	August 2024 - September 2024
Face Recognition System <i>Python, Numpy, Pandas, Sklearn</i> <ul style="list-style-type: none">Implemented real-time face recognition system with SVM/KNN classifier achieving 95% accuracy, 99% precision, 92% recall.Optimized for real-time performance with 30 FPS during accurate face detection and recognition with minimal latency.	June 2024 - July 2024

CERTIFICATES

Cloud Computing NPTEL Enhanced deployment efficiency by 40% and reduced server costs by 25% through scalable cloud application design.	July 2024 - October 2024
Machine Learning Using Python Ardent Computech Pvt Ltd Developed ML models achieving 85% accuracy in supervised and 80% clustering in unsupervised learning.	July 2024 - August 2024
Soft Skill Development NPTEL Enhanced communication, teamwork, and problem-solving skills with focus on professional effectiveness.	July 2023 - September 2023
C/C++ Programming Tech Ocean Technology Gained proficiency in C/C++ programming, memory management, DSA, and OOP concepts.	April 2022 - July 2022