

Khushi Yadav

Roll No: 23BAI10456

Computer Science and Engineering (AI & ML)

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Education

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science and Engineering (AI & ML)

2023 – 2027 (Expected)

CGPA: 9.32

Ralli International School, Ghaziabad

Class XII – CBSE Board

2023

Percentage: 90.6%

Ralli International School, Ghaziabad

Class X – CBSE Board

2021

Percentage: 98%

Projects

◦ AI-Powered Shopping Assistant | Python, Web Scraping, NLP, Chatbot

- Developed a web-based chatbot that allows users to search for products via conversation.
- Extracts real-time product data and discount offers from verified e-commerce sites.
- Helps users find the best options based on their preferences and saves browsing time.

◦ ShastraEye – AI Surveillance System | Python, ML, OpenCV

- Built an intelligent security system for home or small venues that detects weapons, violence, and threats.
- Generates live alerts using object and activity recognition to ensure rapid response.
- A cost-effective and scalable solution for private surveillance setups.

◦ Library Management System | Python, Tkinter, SQLite

- Designed a desktop application to manage book issue, return, member registration, and overdue tracking.
- Used Python's Tkinter for GUI and SQLite for storing user/book records.
- Streamlined library operations with user-friendly interface and admin controls.

◦ Employee Management System | Java, MySQL, Swing GUI

- Built a full-featured management tool to handle employee data, attendance, and salaries.
- Integrated MySQL database for CRUD operations and persistent storage.
- Created a responsive GUI using Java Swing to enable easy HR use.

Technical Skills

Languages: C, C++, Java, Python, HTML, CSS, JavaScript

Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS

Databases: MySQL, MongoDB

Tools: Git, GitHub, VS Code, Linux, macOS

Technologies: Data Structures and Algorithms, Machine Learning

Achievements & Certifications

Certificate in Introduction to Machine Learning

Elite Certificate in Cloud Computing – NPTEL conducted by IIT Kharagpur.

Udemy Certification in Advanced Python Programming.

Udemy Certification in Data Structures and Algorithms using C and C++.

Completed multiple certifications in **AI, Machine Learning, and Python** from reputed platforms.