Khushi Yadav

Roll No: 23BAI10456
Computer Science and Engineering (AI & ML)

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Education
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Vellore Institute of Technology, Bhopal	**2023 – 2027 (Expected)**
B.Tech in Computer Science and Engineering (AI & ML)	*CGPA: 9.26*
Ralli International School, Ghaziabad	**2023**
Class XII – CBSE Board	*Percentage: 91%*
Ralli International School, Ghaziabad	**2021**
Class X – CBSE Board	*Percentage: 98%*

Projects
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- **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
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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
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Certificate in Introduction to Machine Learning

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

Udemy Certification in Advanced Python Programming.

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