Lavkush Patel

Analyst || web developer || python developer

✉ lkush2425@gmail.com 📞 +919301600921 📍 Jabalpur, Madhya Pradesh in Linkdin ○ Github

🔗 Portfolio website

🪪 PROFILE

As a student studying computer science, I have a strong grasp of analytics, problem-solving, and useful software creation. I have developed excellent abilities in Python, SQL, machine learning, and user-focused application design during the past few years working on AI and data-driven projects. I want to properly explain concepts and deconstruct complicated issues into manageable steps. I sincerely care about how products develop and advance, and as a Product Analyst.

📂 PROJECTS

Hand Gesture Recognition System (AI+Computer Vision) 🔗   11/2024 – 05/2025
- Developed an automatic vision-based system for static hand gesture recognition using a **Convolutional Neural Network (CNN)** classifier based on **TensorFlow/Keras.**
- Developed the system in combination with **PyAutoGUI** to implement computer control operations such as moving the mouse, clicking on objects and control of volume and media play/pause.
- Achieved real-time performance with high accuracy on gestures such as Fist, Palm, Thumbs Up, Victory Sign, Swipe Left/Right.

Food Safety & Nutrition Tracker – Web Application (node.js,react,python)   12/2024 – 04/2025
- Built a smart web app: **take a photo of any prepackaged food** and it shall — within two seconds or less — list its complete **nutritional information (proteins, carbs, sugar, calories...etc.)**.
- Created a visually appealing and intuitive interface to find healthy products, **analyse nutritional ingredients and receive safety alerts**.

🎓 EDUCATION

Batchaler Of Technology In Computer Science   09/2022 – 08/2026
Shri Ram Group Of Institutions, Jabalpur   Jabalpur
CGPA: 7.72

Senior Secondary (Class XII) PCM   04/2020 – 03/2022
Goverment Higher Secondary School Badkhera Katni   Katni
MP Board,
Percentage: 74.80%

Secondary (Class X)   08/2018 – 02/2020
Goverment Higher Secondary School Badkhera Katni   Katni
MP Board,
Percentage: 86%

🧠 SKILLS

- Programming Languages: Python, Java
- Web Development: HTML, CSS, JavaScript, React.js, Node.js
- Databases: MySQL
- Visualisation Tools: Power BI, Matplotlib, Seaborn
- Other Tools: GitHub, Jupyter Notebook, Excel
- soft skill : Teamwork, Analytical Thinking, Problem solving