

Mehul Vishwakarma

Email:mehulvinodv@gmail.com

+91 8817385608

LinkedIn:<https://linkedin.com/in/mehul-vishwakarma13>

SUMMARY

Enthusiastic and results-driven Artificial Intelligence & Machine Learning student with hands-on experience in developing AI-powered solutions and ML models, focusing on responsible and effective problem-solving.

PROJECTS

- FRA Atlas – Digitization & Decision Support Platform

A FastAPI + MySQL platform that automates tribal landclaim processing. Uses OCR to extract data from documents and a rule-based engine to map beneficiaries to suitable government schemes.

- AI based Smart Irrigation System

A machine learning system that helps farmers make efficient water usage decisions. Built to reduce water wastage and improve crop health using soil data, weather conditions, and predictive analytics.

- HealthAI Guardian

An integrated chronic disease prediction system using ML, NLP, and sensor data. Supports symptom evaluation, personalized risk scores, and early-warning alerts.

- SehatSathi – Personal Health & Mental Fitness Assistant

An assistant that combines physical health tracking and mental wellbeing monitoring. Includes calorie estimation, workout suggestions, stress scoring, mood analytics, and a conversational health guide.

Hackathon ACHIEVEMENTS

- NexGen Hack Ghaziabad 2025 – Finalist

Shortlisted from 400 teams into the final 30 teams

Top 15 ranking list among 30 finalists

- VOID Hacks 7.0 Hackathon

Shortlisted from 250+ teams into the final 30

INTERNSHIP

AICTE – EduNet Foundation (4 Weeks)

Developed an ML based irrigation decision support system using soil, moisture, and weather parameters. Deployed prototype using Streamlit for practical water planning.

EDUCATION

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|---|-------------------|
| Shri Ram Institute of Technology, Jabalpur | CGPA: 8.8 |
| B.Tech in Computer Science (Artificial Intelligence & Machine Learning) | (2023–2027) |
| Central Academy Higher Secondary School, Shahdol | Percentage:91.8% |
| Senior Secondary (12th), PCM | (2022 – 2023) |
| Spring Dales Higher Secondary School, Shahdol | Percentage: 81.6% |
| Secondary (10th) | (2020 – 2021) |

TECHNICAL SKILLS

- Language: C++, Python
 - Frameworks: Pandas , Numpy ,Matplotlib , Scikit-learn, Flask
 - Tools: GitHub, VsCode, Jupyter notebooks , vercel and netlify deployment
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ADDITIONAL INFORMATION

Languages: English, Hindi

Interests: Listening to Music, exploring upcoming technologies