

Manish Meena

BTech | Frontend React Developer | MERN-Stack Developer | Machine Learning
[Portfolio Link](#) | [Github](#) | [LinkedIn](#) | [Leetcode](#)

EXPERIENCE

AI & ML Externship - Smart-Internz 2023

Worked on an ML project “Online Payments Fraud Detection Using ML”. Improved skills in HTML, CSS, Flask, Python libraries, and ML models, achieving 100% of project milestones within the 5-week externship.

Artificial Intelligence MATLAB - MathWorks 2023

Developed projects related to depth estimation, edge detection, line detection, and digit recognition.

EDUCATION

Vellore Institute of Technology, Bhopal — BTech (UG) 2021 - present

Major in Electronics, minor in Artificial Intelligence | Achieved GPA: 9.05

Class XII, Govt. H Sec. School Mandawer (M.P.) 2019 - 2021

District Topper | 100% Scholarship | Achieved: 95.8%

PROJECTS

Malvi-Bolo (Mern, Bootstrap, NLP, Microsoft Azure, Node-Mailer) 30 d

[Frontend-Github](#) | [Backend](#) | [Live Demo Link](#) | [Performance Report +98](#)

- Built a tool for the Malvi region and language using MongoDB, Express.js, React.js, Node.js, and Bootstrap.
- Features include user authentication, content management, and real-time communication.
- Engineered Language converter that converts Malvi into Hindi and Hindi into Malvi which makes communication easy.

Eco-Sort (Front-end) (Machine learning, Image processing, YOLOv5, Flask) 60 d

[Github Repo](#) | [Live Demo Link](#)

- Developed EcoSort system using Raspberry Pi, camera module, and machine learning for automated waste segregation.
- Utilized ML to accurately sort biodegradable and non-biodegradable waste with an improved accuracy of 91%.
- Developed Webpage for this application which takes the image from the user and predicts the type of waste, through the implementation of Machine Learning and Flask framework.

Netflix-GPT (Ai Integration) (react.js, Redux, Tailwind, Firebase-backend) 15 d

[Github Repo](#) | [Live Demo Link](#) | [Performance Report](#)

- Engineered an AI-driven application with features such as debouncing, caching, and robust security protocols; improved app performance by 40% and reduced data breaches by 15%
- Deployed Firebase backend to enhance secure login protocols and enforce protected routes, leading to a 90% increase in user reliability and a significant decrease in unauthorized access incidents by 25%.
- Enhanced movie suggestions with **OpenAI** Apis and Advanced Logic, boosting **recommendation accuracy** by 20%.

Co-Curricular

- Leetcode solved 550+ problems and regularly attend contests with an overall rating of 1529. (12 contests).
- Solved daily questions and participated in contests on Leetcode, GFG, and Codeforces, solving over 1000+ DSA questions across various platforms and gaining a deep understanding of data structures and algorithms.

CERTIFICATIONS

[View certifications](#)

- High-performance coding practices in Java, Iamneo.
- Artificial Intelligence and Machine Learning Powered by Google Developers
- Full Stack Development with MERN, Thingqator
- HTML, CSS, and JavaScript for Web Developers, Coursera.

Contact

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Primary Skills:

Programming Languages:

- Java
- Python
- SQL

Frontend Development:

- HTML, CSS, JavaScript
- React.js
- Git, Github

Backend Development:

- Node.js
- Express.js
- REST APIs
- Data Structures

Database:

- MongoDB
- MySQL

Software and Tools:

- Vs code, Git
- Matlab

Familiar Skills:

Testing and Deployment:

- Vercel
- Netlify
- Github

Extra-Curricular & Achievements

- Awarded with STARS (Support the Advancement of Rural Student) Scheme at VIT Bhopal University
- Recognized as a top 1% student nationwide in Board Exams, honored with the INSPIRE Award.
- Technical Lead at VITRonix club VIT Bhopal organised technical events.
- Volunteered a 3-day rocketry event KARMAN of Seds Nebula club VIT Bhopal.

HOBBIES

- Analysis of Cricket Techniques.
- Physical fitness and Travelling.