



YASH RATHI

Computer Engineer skilled in Full Stack Development (MERN) and AI/ML, with strong problem-solving and algorithmic skills. Effective in task management and team collaboration, with the ability to deliver reliable and innovative engineering solutions.

PROJECTS

Eye Disease Detection using ML

(July 2025 – Present)

- Developing an AI/ML-based system to detect common eye diseases from retinal images using CNN, ResNet50, DenseNet121 and InceptionV3 architectures.
- Aimed to assist doctors and interns in faster diagnosis and improve accessibility in rural healthcare.
- Implemented asynchronous API requests between frontend and backend for real-time model inference and 3D visualization.
- Technology Used: React.js, Node.js, Python, TensorFlow, Flask

LLaMA 8B-Based AI Mock Exam Generator

(Jan - Apr 2025)

- Developed an AI-powered exam paper generation system using LLaMA 8B, enabling dynamic and customized question generation.
- Role: Full Stack developer
- Technology Used: HTML, CSS, JavaScript, LLaMA 8B, Flask

Farm-GPT Smart Fertilizer Advisory System

(Jul - Aug 2024)

- Developed a modern solution for farmers that provides information about fertilizers.
- Role: Frontend Developer
- Technology Used : HTML, CSS, JavaScript

CERTIFICATES

- AWS Academy Graduate - AWS Academy Cloud Foundations (Mar 2025)
- Udemy - The Complete Web Development Bootcamp (Jan- Apr 2025)
- International Level Student Workshop-2k24 (Feb 2024)
on Data Science using Python
- RDBMS PostgreSQL Training (IIT Bombay) (Aug 2024)
Advanced database management and query Optimization.

CO-CURRICULAR

- Event: Innovera (National Level Hackathon) (Mar 2025)
Organized By : KKWIEER
Secured our Position in Top 5 Teams
- Event: Assemble-Tech (Apr 2024)
Organized By : KKWIEER Debuggers Club

EXTRA-CURRICULAR

National Service Scheme Volunteer (NSS)

(Since Sept 2023)

- Actively participated in various NSS initiatives including community service, Participated in a 7-day NSS special camp focused on community development and social awareness.

CONTACT

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Nashik, Maharashtra

EDUCATION

Bachelor of Technology

2022-2026

K.K.Wagh Institute of Engineering

Education and Research, Nashik.

GPA : 8.02

Higher Secondary Certificate

2021-2022

Science Stream (PCMB)

S. D. Patil Higher Secondary

School, Chichpur

Percentage : 88.17

CET score : 93.64 percentile

Secondary School Certificate

2019-2020

Liladhar Bhojraj Chandak Vidyalaya,

Malkapur

Percentage : 93.80

SKILLS

- Languages: C++, Python, JavaScript
- Web/Frameworks: MERN Stack
- Databases: MySQL, MongoDB
- Core Competencies: Object Oriented Programming
- Version Control: Git, GitHub