

GOURAV YADAV

[LinkedIn](#) | gauravmath26@gmail.com | [Github](#) | [Portfolio](#) | [LeetCode](#)

EDUCATION

- **Vellore Institute of Technology Bhopal , MP** Sept 2022 - Ongoing
B.Tech in Computer Science and Engineering, GPA- 8.61
- **KV Cossipore Kolkata, WB** Apr 2021 - Mar 2022
Senior Secondary, CBSE; Percentage- 90.1%
- **KV Cossipore Kolkata, WB** Apr 2019 - Mar 2020
Higher Secondary, CBSE; Percentage- 92.1%

TECH STACKS

Languages: C++, Python, JavaScript, TypeScript, MySQL, MongoDB

Frameworks: React js, Node.js/Express js, NextJS, Tailwind CSS

Cloud & Developer Tools: Git, Docker, AWS, Excel, Postman, Mongo DB, Firebase, Neon

AI Tools: ChatGPT, Claude, Gemini, Cursor, Windsurf, CodeRabbit, JAM, Mintify

PROJECTS

Netra Scan | Python(Deep Learning,Django), HTML, CSS, JS ([LINK](#))

- Executed a retinal condition prediction system using a CNN-based model demonstrating high accuracy (98.3%) in predicting ocular conditions.
- Implemented CNN based approaches like VGG-16 and Xception for automated grading of diabetic retinopathy severity and detection of other ocular conditions.
- Trained the model with 780+ real OCT images, significantly enhancing diagnostic accuracy.
- Created a web interface using Django and deployed it using Heroku, enabling real-time predictions for over 200 users.

Interviewer. | Node/Express Js, NextJs, TypeScript, Gemini API ,Clerk, Neo4j & Drizzle,Vercel ([LINK](#))

- Developed a Full-stack AI-powered mock interview platform using Node.js, Express.js, Next.js, and TypeScript, ensuring scalability and performance.
- Established Clerk authentication for secure user management, improving platform security.
- Utilized Neo4j and Drizzle ORM for efficient database management and optimized data retrieval.
- Integrated Gemini GenAI API to generate dynamic interview questions with individual chat sessions, enhancing engagement.
- Deployed the application on Vercel, ensuring seamless and high-performance hosting.

Other Mini Projects ([LINK](#))

- **Personal Portfolio** | HTML,CSS,Next.js, React, Node.js
- **Mood Predictor** | HTML, CSS, JS, Python, Tensorflow, Numpy, Pandas
- **IPL Prediction System** | Numpy,Pandas, Tensorflow, Flask,HTML,CSS,JS
- **Diabetes Prediction System** | Python, Scikit-Learn, HTML,CSS, JS

EXPERIENCE

AI Data Trainer & Engineer

Invisible Technologies

June 2025 - Present

Bhopal, MP

- Trained and refined Google's Gemini Lingua V2 project, delivering high-quality Hindi, Bengali, and English datasets that enhanced multilingual model accuracy and contextual understanding by 15%+.
- Collaborated with a global team on Slack, annotate, validate, and optimize multilingual datasets, ensuring improved model performance and linguistic accuracy.

CERTIFICATION

- Cloud Computing-NPTEL ([LINK](#))
- Computer Networking-Google ([LINK](#))
- IBM Gen AI- IBM ([LINK](#))
- AWS certified solution architect-associate-Ethnus ([LINK](#))
- Full Stack Development program-TechBairn ([LINK](#))