

# GOURAV YADAV

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## EDUCATION

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

## 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](#))

## EXPERIENCE

### **AI Data Trainer & Engineer**

Invisible Technologies

June 2025 - Present

- 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](#))

## EXTRA CURRICULAR

- Secured 1st Place in Androidmania, A Web Development Hackathon Organised by Null Chapter , VIT Bhopal
- Selected in Top 30 teams by developing solution for Deepfake detection in Adobe India Hackathon
- Lead Graphic Designer & Web Developer for the Health and Software Development Club, organizing the "Health-O-Marathon" event.