GOURAV YADAV

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TECH STACKS

Languages: C++, Python, SQL (MySQL), JavaScript, TypeScript, MongoDB(NoSQL)
Frameworks: React Js, Node.js/Express js, NextJS
Developer Tools: Git, Docker, AWS, Excel, Postman, Mongo DB
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.

Mood Predictor | *HTML, CSS, JS, Python, Tensorflow, Numpy, Pandas* (LINK)
- Designed Basic Html and python based project to predict the mood of the user based on the database.
- Redirect user to the page to show movie ,music and recreational activities based on the predicted mood .

Other Mini Projects (LINK)
- Personal Portfolio **|** *HTML,CSS,Next.js, React, Node.js*
- IPL Prediction System **|** *Numpy,Pandas, Tensorflow, Flask,HTML,CSS,JS*
- Diabetes Prediction System **|** *Python, Scikit-Learn, HTML,CSS, JS*

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)

EXPERIENCE

Contractor (LINK)   Sept 2024 - Present
Outlier AI   Bhopal, MP
- Completed multiple Projects Assigned by Outlier Consisting of Ai Testing, Prompt Improvement , Code Debugging and Image analysis which contributed to $40+ earning.
- Contributed expert knowledge to enhance machine learning outputs for business intelligence use cases, improving overall insight quality and reliability.

EDUCATION & QUALIFICATION

- **Vellore Institute of Technology Bhopal , MP**   **CGPA-** 8.61
  Bachelor of Technology in Computer Science and Engineering
- **KVS Cossipore**   **CGPA(class 10)**- 92%
  Kolkata , WB   **CGPA(Class 12)**- 87.5%