GOURAV YADAV

6291237162│ LinkedIn│ gauravmath26@gmail.com │ Github

TECH STACKS

Languages: Python ,C++, SQL (MySQL), JavaScript, HTML/CSS, TypeScript, Mongo DB
Frameworks: React Js, Node.js/Express js, NextJS
Developer Tools: Git, Docker, Figma, Visual Studio, AWS, Canva, Excel, Postman
Skills: Machine Learning, Web Developer

PROJECTS

Netra Scan | *Python(Deep Learning,Django), HTML, CSS, JS, Heroku*

- 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 Js,Express Js, NextJs, TypeScript, Gemini API ,Clerk, Neo4j & Drizzle,Vercel*

- 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*

- 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

- **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*

EXPERIENCE

Full-Stack Developer   Dec 2023 - Jan 2024
CodSoft.in   Bhopal, MP

- Created a RESTful API using Flask (Python), enhancing data storage efficiency by 40% for content management systems.
- Completed multiple tasks and projects as assigned by the organization, contributing to a 25% increase in overall project completion rate.

Contributor   March 2020 - May 2020
GSSoC'24   Bhopal, MP

- Participated in an open-source contribution competition organized by Girscript Summer of Code, a 3-month open-source internship, leading to the successful implementation of 10+ feature requests and bug fixes.

EDUCATION & QUALIFICATION

- **Vellore Institute of Technology Bhopal , MP**   **CGPA-** 8.49
  Bachelor of Technology in Computer Science and Engineering

- **KVS Cossipore**   **CGPA(class 10)-** 9.7
  Kolkata , WB   **CGPA(Class 12)-** 9.2

- **Certification-** Cloud Computing*(NPTEL)*, Computer Networking*(Google)*, SQL*(Hackerrank)*