SAMRUDDHI TATIWAR

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◈ https://github.com/Samruddhi201201

Portfolio website- portfolio

Education

- **Shri Ramdeobaba College of Engineering and Management,Nagpur**   2020-2024
  B.Tech in Computer Science and Engineering   (Honors in Data science and Machine learning)
  CGPA (current)- **9.26**

- **Santaji Mahavidyala, Nagpur**   2020
  Science(PCM) ,HSC Board
  92.31%

- **Narayana Vidyalayam**   2018
  CBSE
  96%

Projects

- **INDIAN TRAFFIC SIGN RECOGNITION SYSTEM**   **Git-repo**
  Developed a traffic sign detection and recognition application using deep learning for Indian traffic signs. This application takes a road-side image as input and detects the traffic sign(s).The project was built using deep learning technologies like **tensorflow, keras**, and YOLO model for object detection. This application aids self driving cars to take correct decisions and ensure safety of the passengers.

- **LIE DETECTION SYSTEM USING FACIAL FEATURE ANALYSIS**   **Git-repo**
  This system takes video of a person as input and predicts if the person is lying. The system extracts various facial features and compares the immediate changes in facial expressions to make a prediction.
  Technologies used included- **Opencv, deep learning technologies and Deepface for emotion analysis**

- **GURUREC PORTAL- FOR AICTE**   **Git-repo**
  Designed a web portal for AICTE under Smart India Hackathon 2022. It focused on improving and standardizing the recruitment process of teachers of all colleges under AICTE.
  -- Created frontend for the portal using **ReactJS.**
  (PS Number-DR712) Category-Smart Education

- **Grocery Management- System**   **Git-repo**
  Developed a grocery management system that performs crud operations and helps to manage stock in the grocery store.
  Technologies used included- **NodeJS** for backend, **MongoDB** as database and **EJS** for frontend.

Skills

- Languages-C, C++, Python ,JAVA , SQL ,R
- Machine learning, Deep Learning, Artificial Intelligence, Image processing
- HTML, CSS, Bootstrap, Javascript, ReactJS
- Subjects/Electives-Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Design and Analysis of Algorithms, Computer Networks, Database management system
- Tools-Github , Alteryx ,RStudio, Tableau, Figma

Achievements

- Smart India Hackathon 2022 Finalist (Category-Smart Education)
- KLEOS National Level Hackathon 2023 Finalist
- Selected for Martian Program by Persistent Systems
- Infocepts BE Program Scholarship-Selected for 4 year BE scholarship program by Infocepts Foundation. Awarded 50,000/year for 4 year BE
- Institute Merit Scholarship (March 2020) Eligible for scholarship for higher education under Innovation and Science Pursuit for Inspired Research(INSPIRE) by virtue of being in the top 1% of the school board Class XII level in examination held during academic session March 2020
- MHTCET score- 97.19 Percentile
- JEE score- 93.38 Percentile

Positions of Responsibility

- **Content writer and Frontend Web-developer**
  The Codebreakers Club RCOEM
  My responsibilities include writing social media posts, permission letters, invitation letters, outreach messages for the club activities. And developing
  frontend for various websites for club.
- **Team Leader-** Smart India Hackathon 2022
  Team Name- JSites
  My responsibility was to distribute and manage responbilities to each team member so as to get maximum output out of the team

Certifications

- Alteryx Designer Core Certification   AICTE
  Alteryx Foundational Micro-credential
- DeepLearning.AI TensorFlow Developer certification   Coursera

Virtual Internships

- AICTE virtual internship in Data Analytic Process Automation (Dec 2022-February 2023)   Link
- Oasis Infobyte internship in Web development (November 2022- December 2022)   Link