Harshit Saini

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EDUCATION

DEHRADUN INSTITUTE OF TECHNOLOGY   Dehradun, Uttarakhand
Bachelor of Engineering   Expected June 2024
>   Major in Computer Science, Specialization in Machine Learning and Artificial Intelligence
>   Cumulative GPA: 7.8/10
>   Relevant Coursework: Software Engineering, Operating Systems, Algorithms, Artificial Intelligence

MEERUT PUBLIC SCHOOL (CBSE)   Meerut, Uttar Pradesh
Intermediate   April 2019 - April 2020
>   Percentage: 87%

SKILLS

Programming languages: JAVA, PYTHON, SQL, JAVASCRIPT, HTML, CSS
Frameworks: EXPRESS, EJS, TAILWIND CSS, BOOTSTRAP
Libraries: NUMPY, PANDAS, REACT
Development tools: GIT, GITHUB, POSTMAN, VSCODE
Soft Skills: OBSERVANT, MANAGEMENT SKILLS, LEADERSHIP, ORGANIZATIONAL SKILLS

PROJECTS

DISEASE PREDICTION MODEL API   March 2024
- Developed a highly accurate machine learning-based heart disease prediction model achieving an impressive 98% accuracy, contributing to early detection and prevention strategies in cardiovascular health.
- Designed and implemented a diabetes prediction model with an accuracy rate of 88.8%, facilitating proactive management and personalized interventions for individuals at risk of diabetes-related complications.
- Pioneered a novel stress prediction model leveraging natural language processing techniques, enabling individuals to express their emotions while accurately predicting stress levels with a commendable 76% accuracy, thereby supporting mental health monitoring and intervention efforts.
- Demonstrated expertise in machine learning algorithms, data preprocessing, feature engineering, and model evaluation, ensuring robust and reliable predictive analytics solutions across diverse healthcare domains.

YELP CAMP   Dec 2023 – Jan 2024
- Architected and implemented a comprehensive web application using MongoDB, Node.js, Express, CSS, JavaScript, EJS, Passport for authentication, and Cloudinary for image storage.
- Link for the deployed webpage - LINK

UNIVERSITY PROJECTS

DOCTOR पे   Feb 2024 – May 2024
- Creation of an AI-integrated website enabling users to schedule appointments with doctors, engage in video consultations, purchase medications, and interact with an AI chatbot. LINK
- Developed an AI Lab component leveraging trained ML models via an in-house API.
- Contributed to the UI design of the website, ensuring user-friendly navigation and aesthetics.
- Implemented video calling functionality to enhance user interaction and support.

STREET FIGHTER   March 2023 – May 2023
- Attended training to build better understanding of Data Structures and Algorithm concepts, java and object-oriented programming and developed a street fighter game using those concepts.
- Source Code and gameplay can be found on - LINK

ADDITIONAL

Languages: Hindi, English
Certifications: Machine Learning Foundations: A Case Study Approach (Coursera), Introduction to Artificial Intelligence
Achievements: I have successfully tackled over 200 LeetCode coding challenges using my problem-solving skills.