Abhinav Behaniya

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SKILLS

C++ | HTML/CSS | Python | Machine Learning | Data structures and Algorithms | JavaScript | ReactJS | tailwind

EDUCATION

Integrated Mtech in AI and ML
VIT Bhopal University, Bhopal   81.50%

Class XII (MH-Board)
Hislop College, Nagpur   75.23%

Class X (CBSE-Board)
Mount Carmel Convent School, Katol   89.60%

CERTIFICATES

- Iamneo High performance Coding(DSA), Iamneo, Apr 24
- Machine learning specialization, Coursera, Mar 24

PROJECTS

Malaria Detection Using VGG19 Model
- **Description**: Implemented a deep learning model to detect malaria in blood smear images with high accuracy by classifying images as infected or uninfected. The project utilized a Kaggle dataset comprising labeled microscopic images, and employed VGG19 as the core architecture with transfer learning, enhancing it with a dense layer for binary classification.
- **Technology**: Python, Streamlit framework, Keras library, Matplotlib library.
- **Result**: Achieved over 93% accuracy on the test dataset, showcasing robust malaria detection. Streamlit library was utilized to develop a user-friendly interface, enabling real-time image uploads and predictions for practical healthcare applications.

BharatBazzar Ecommerce Project
- **Description**:The project was built using ReactJS for creating dynamic and reusable components, TailwindCSS for responsive and aesthetically pleasing UI design, and React-Redux Toolkit for state management, ensuring a smooth interaction between various features like the cart and filters.
- **Technology**: ReactJS, TailwindCSS, React-Redux Toolkit.
- **Result**: Enhanced user experience with a seamless cart service and filtering functionality, enabling users to efficiently browse and manage products.

CARRER GOALS

- Contribute actively to the open-source communityby collaborating on innovative projects.
- Improve communication skills and expand cultural awareness through diverse interactions and experiences.
- Dedicate time to master new technology so that I can stay updated with latest advancement in computer science.

EXTRA-CURRICULARS AND ACHIEVEMENTS

- Reached Semifinals of Aarambh'22 Chess Tournament, VIT Bhopal.
- Member of AI Elites, AI Conclave, 2022,VIT Bhopal University (Dec 22) - Finished in final round in Ideathon Nov 22.

LANGUAGES

- English
- Hindi
- Marathi