

HRISHIKESH V VASTRAD

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SKILLS

C++ | HTML | CSS | Javascript | React.js | GIT

WORK EXPERIENCE

React Developer | MWB Technologies India Pvt Ltd, Hubballi Jul 2024 – Present

- Created interactive landing pages for Inventory Management, Human Resource Management, and Salesman Tracking applications, leading to over 500 unique visits monthly; integrated analytics tools to track user behavior and optimize performance
- Skills: React.js, Responsive Design, Tailwind CSS, RESTful APIs.

Intern | Deevia Software India Pvt Ltd, Bengaluru Jan 2024 – May 2024

Vehicle Underbody Inspection WebApp | [LINK](#)

- Led the frontend development for a full-stack application, enhancing inspection efficiency by 90% with computer vision.
- Implemented a dashboard for inspectors to analyze real-time inspection data on vehicle underbody parts, with visualizations and reports to aid quick decision-making and streamline the process.
- Developed responsive interfaces with React.js and Tailwind CSS, integrating real-time features via Socket.IO and collaborating on RESTful API integration.
- Skills: React.js, Tailwind CSS, Figma, socket.io, UI/UX Design, RESTful APIs

3d Tuyere Monitoring WebApp | [LINK](#)

- Devised a React 3D app with React Three Fiber to visualize thermal camera data of 20 Pipes using Socket.IO for real-time updates and color-coded temperature monitoring.
- Skills: React.js, Three.js, React Three Fiber, Tailwind CSS, Figma, socket.io, UI/UX Design, RESTful APIs.

PROJECTS

Heart Disease Prediction Using Explainable AI(XAI) May 2023 - Jul 2023

- Led a team in developing a heart disease prediction system using Machine learning models (XG Boost, KNN, Decision Tree)
- Achieved a remarkable 91% accuracy with the XG Boost model, highlighting the system's effectiveness.
- Integrated LIME for enhanced transparency and understandability of machine learning models
- Skills: Machine Learning, Python, LIME (XAI), Data Analysis, Statistical Analysis, Team Leadership

KLE Staff Portfolio | [LINK](#) Jan 2023 - Mar 2023

- Developed a front-end solution for a full-stack web application, leveraging modern frameworks and libraries; the application now serves as a central repository for staff achievements, receiving over 700 visits monthly.
- Created a comprehensive feature set that enabled the addition and management of publications, awards, and projects; improved documentation accuracy by 30% and reduced administrative workload by 15 hours per week.
- Skills: React.js, Tailwind CSS, UI/UX Design, RESTful APIs, Axios.

EDUCATION

KLE Technological University, Hubli, Karnataka
B.E Computer Science Engineering

Dec 2020 - Jun 2024