HARESH BHARADWAJ R

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OBJECTIVE

Technically driven Information Technology undergraduate with strong interest in Machine Learning, AI, Computer Vision, and Web Development. Proficient in building AI-based solutions for Web Development, Data Analysis, Computer Vision, and Machine Learning. Eager to apply technical skills in a collaborative environment to solve real-world challenges and enhance user experiences.

EDUCATION

Saveetha School of Engineering, Thandalam   **2023-2027**
Bachelor of Technology – Information Technology (IT)
Cumulative GPA: 9.3

GK Shetty Vivekananda Vidyalaya Senior Secondary School   **2021-2023**
CBSE Senior Secondary Certification Examination: 80 %
CBSE Secondary Certification Examination: 85 %

EXPERIENCE

Web Development Trainee, Corizo, Chennai, India   **September 2024 - November 2024**
- Developed "Foodie", a full-stack multi-user web app with user (signup, cart, payments, order tracking) and admin (secure login, product/order/user management, analytics) modules, accessible across devices via LAN.

Web Developer Intern, Prodigy Infotech (Online)   **June 2025 – July 2025**
- Designed and developed multiple frontend projects including landing pages, stopwatch, portfolio site, and a weather app integrated with live API, showcasing UI/UX skills and responsive web design.

SKILLS

Technical
Python, R, Java, JavaScript, Flutter, Stream lit, MySQL, MongoDB, Docker, Data Handling, CV, Git

Soft skills
Prompt Management, Time Management, Problem Solving, Adaptability, Teamwork

RELEVANT PROJECT

Homemade Treasure – E-Commerce Web App
- Developed a full-stack multi-user web app with modular viewer/uploader roles, real-time CRUD for product listings, image handling, and user actions (cart, rating, order); deployed on Netlify.

Computer Vision Projects
Developed a series of interactive applications using OpenCV and MediaPipe for real-time hand tracking:
- Virtual Drawing App: Enabled precise gesture-based drawing with dynamic color selection and input smoothing.
- Snake Game: Integrated responsive directional control using tracked finger positions, enhancing game fluidity.
- Subway Surfers Clone: Implemented action-triggered gameplay through real-time gesture recognition for seamless in-game navigation.

Orbital Collision Risk Prediction using Auto-encoder (Star Submit, SIMATS)
- Developed an Auto encoded Hybrid Machine Learning Classifier to predict potential satellite-space debris collisions by handling unbalanced dataset**.**

Android Application development using Applix
- Built a healthcare assistant app with core health features; deployed as a capstone project.
- Developed a Tic-Tac-Toe game with rule-based AI for single-player gameplay.
- Created an urban service app with user/admin roles, real-time booking, secure auth, ratings, and Streamlit-based worker analytics.

INTEREST AND ACHIEVEMENT

- Oracle Certified DBMS specialist.
- FreeCodeCamp JavaScript Developer Certified.
- SWAYAM Certified C and Python specialist.
- Infosys Springboard Certified Web Designer.
- DevTown Certified Campus Ambassador
- IBM Certifed SQL and Relational DB Course.
- CISCO Certified:Networking and Automation, Switching and Routing, Cybersecurity.