Harshita Shrinivas Dombe

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SUMMARY

Driven and innovative Computer Science Engineering student with hands-on experience in software development and emerging technologies. Proficient in programming languages such as Java, and C. Passionate about leveraging technology in areas like Artificial Intelligence, software engineering, and system optimization to solve real-world challenges.

EDUCATION

Bachelor of Engineering –Computer Science and Engineering 2022-Present CGPA : 7.97

Mangalore Institute of Technology & Engineering

Senior Secondary (12th) - KSEEB 2021-2022 Percentage : 66

M.E.S Chaithanya PU College, Sirsi.

Secondary School (SSLC) – KSEEB 2019-2020 Percentage : 80

Don Bosco High School, Sirsi.

SKILLS

Languages : Python, Java, C.
Interface : HTML, CSS.
Database : SQL.
Tools : MYSQL, Figma, VS Code, Microsoft Word, Microsoft Excel.
Technologies : Machine learning & AI**,** Web Development, Cloud computing.

PROJECTS

Healthy Habits Tracker | Technologies: React, Firebase, JavaScript, HTML, CSS.

Built a Healthy Habits Tracker web app using React and Firebase that helps users add daily habits, mark them as complete, and track streaks through progress charts. Integrated motivational quotes, local notifications, and real-time data sync for a smooth, engaging experience. Designed a responsive UI and deployed on Vercel, showcasing skills in React hooks, CRUD operations, and front-end development.

SocialEcho Website | Team of 2| Technologies: MongoDB, Express.js, React.js, Node.js.

Developed SocialEcho, a full-stack social media platform built using the MERN stack (MongoDB, Express.js, React.js, Node.js). Implemented core features including user authentication, profiles, posts, comments, likes, and follow/unfollow functionality. Integrated AI-driven content moderation using NLP for spam, profanity, and toxicity detection, and deployed context-aware authentication leveraging device, IP, and location data. Designed to enhance platform security, streamline community management, and deliver a safe, scalable user experience.

AI-Driven Mental Health Support System(Ongoing)|Team of 4|Technologies: Python, API, Unity.

This AI-powered application offers basic mental health support through chatbot interactions. It uses Natural Language Processing (NLP) and machine learning to analyze user input and detect signs of stress or anxiety. Features include sentiment analysis and mood tracking. Designed as a non-clinical tool, it aims to promote emotional well-being. Enhancing user enagagement through the integration of lifelike 3D therapist model creating a more relatable and supportive experience.

COURSES & WORKSHOPS

- Certified in "**RPA Developer,**" an online non-credit professional course offered through UIPath.
- **Mastering Python for Product & Process Development : Beginner to Practitioner** workshop with hands-on sessions.
- **Cybersecurity in the Product Development Lifecycle : From Design to Deployment** workshop.

HOBBIES

- Dancing.
- Listening to Music.