

Shardul Sunil Dhiwar

Full-Stack Developer | Frontend Developer | MERN Stack | JavaScript |
React | Node.js

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My Portfolio: <https://sharduldhiwar.github.io/Portfolio/>

Pune, Maharashtra

Summary

I am a Full-Stack Developer specializing in the MERN stack, with hands-on experience in crafting scalable web applications. My training has equipped me with substantial knowledge in both front-end and back-end technologies like HTML, CSS, JavaScript, and PHP. I am passionate about building efficient and user-friendly applications, and I thrive in collaborative environments where I can refine my skills and contribute to team efforts effectively.

Experience

Ameliorate Digital Consultancy

Pune, India

Web Development Intern

June 2022 - August 2022

- Gained hands-on experience with front-end and back-end technologies including HTML, CSS, JavaScript, PHP, and MySQL during the initial training phase.
- Contributed to the development of an e-commerce web application by implementing product listing pages and enhancing UI components.
- Spearheaded improvements in website responsiveness by 20% by developing modular, reusable front-end components using HTML, CSS, and JavaScript.
- Created reusable UI templates that reduced future development efforts by approximately 35%.
- Participated in code reviews and provided constructive feedback to team members, enhancing code quality and maintainability.

Skills

- Languages: JavaScript, Java, Python, PHP, HTML, CSS
- Frameworks/Libraries: React.js, Node.js, Express.js, Flask, OpenCV, MediaPipe
- Databases: MongoDB, PostgreSQL
- Tools: Git, GitHub, Dialogflow,
- Currently Learning: Advanced MERN Stack.
- AI-Enhanced Development: Proficient in using tools like ChatGPT, Cursor AI, and DeepSeek to streamline coding workflows, debug efficiently, and automate repetitive tasks.

Project

VAST – Mental Health Chatbot

Mental health chatbot for emotional support and intelligent assistance

- Developed a scalable mental health chatbot using **Flask**, **Dialogflow**, and **PostgreSQL**, featuring sentiment analysis for personalized user interaction
- Achieved **95% contextual accuracy** in response generation and sustained performance with **100+ concurrent users** in stress tests
- Implemented intent detection with contextual memory to deliver real-time, human-like replies tailored to users' emotional states
- GitHub: [VAST-A-Mental-Health-Chatbot](#)

Virtual Mouse Controller

Gesture-based virtual mouse system for hands-free control

- Designed and built a virtual mouse using **Python**, **OpenCV**, and **MediaPipe**, enabling gesture-driven navigation with over **90% detection accuracy**
- Optimized the real-time image processing pipeline, reducing system response latency by **40%**
- GitHub: [Virtual-Mouse-Controller](#)

ChatME – Real-Time Chat Web App

Real-time messaging platform built with MERN stack and Socket.IO

- Created a real-time chat application using **React**, **Node.js**, **Express**, and **Socket.IO**, enabling seamless one-on-one communication through shareable links
- Utilized **WebSocket** for low-latency message transmission and live interaction without requiring database storage
- Enhanced the UX with a responsive UI and an intuitive chat room ID system
- GitHub: [ChatME](#)

Weather App

Live weather forecasting web application

- Built a responsive weather application using **HTML**, **CSS**, and **JavaScript**, fetching real-time weather data via **OpenWeatherMap API**
- Displays temperature, humidity, wind speed, and weather conditions based on user input or geolocation
- Improved user experience with sleek design and location-based updates
- GitHub: [Weather App](#)

Education

ASM CSIT	Pune
Bachelor of Computer Science	2023-2025
AISSMS Polytechnic	Pune
Diploma in Information Technology	2020-2023
Saraswati Bhuwan English School	Pune
SSC (10 th Grade)	2019-2020

Languages

English Proficient ●●●●●

Hindi Native ●●●●●

Marathi Native ●●●●●

Strengths

★ Quick Learner

Quick Learner and Adaptable

🗨️ Communication Skills

Strong Communication

👥 Collaboration

Team Collaboration

✓ Detail Oriented

Attention to Detail