Shardul Sunil Dhiwar

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

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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 - August2022

- 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-Assisted Development Tools: ChatGPT, Cursor AI, DeepSeek, Mistral AI – used to accelerate coding, enhance debugging, and automate repetitive development tasks.

Project

VAST - Mental Health Chatbot

Mental health chatbot for emotional support and assistance

- Engineered a scalable mental health chatbot using Flask and Dialogflow with integrated PostgreSQL and sentiment analysis for personalized interaction.
- Achieved 95% contextual accuracy in responses and supported 100+ concurrent users in stress-testing scenarios.
- Integrated intent detection with contextual memory to offer real-time, human-like responses tailored to user emotional states

- GitHub: **VAST-A-Mental-Health-Chatbot**

Virtual Mouse Controller

A virtual mouse controller driven by user gestures

- Designed and implemented a hands-free virtual mouse interface using Python, OpenCV, and MediaPipe, enabling gesture-based system control with over 90% accuracy
- Reduced system response latency by 40% through optimization of the real-time image processing pipeline
- GitHub: **Virtual-Mouse-Controller**

ChatME Chat Web App

A real-time chat application built with MERN stack and Socket.IO

- Developed a real-time chat platform using React, Node.js, Express, and Socket.IO, enabling seamless one-on-one conversations via shareable links
- Integrated WebSocket communication for low-latency message exchange and dynamic user interaction without database persistence.
- Enhanced user experience with responsive UI design and unique chat room identification system.
- GitHub: ChatME

Education

ASM CSIT
Bachelor of Computer Science

Pune
2023-2025

AISSMS Polytechnic
Diploma in Information Technology

Pune
2020-2023

Saraswati Bhuwan English School
SSC (10th Grade)

Pune
2019-2020

Languages

English Proficient ●●●●○   Hindi Native ●●●●●   Marathi Native ●●●●●

Strengths

★ Quick Learner

Quick Learner and Adaptable

Ö Communication Skills

Strong Communication

Collaboration

Team Collaboration

✓ Detail Oriented

Attention to Detail