

# 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 - 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-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](#)

## Education

<a href="#">ASM CSIT</a>	Pune
Bachelor of Computer Science	2023-2025
<a href="#">AISSMS Polytechnic</a>	Pune
Diploma in Information Technology	2020-2023
<a href="#">Saraswati Bhuwan English School</a>	Pune
SSC (10 <sup>th</sup> Grade)	2019-2020

## Languages

English Proficient ●●●●●	Hindi Native ●●●●●	Marathi Native ●●●●●
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## Strengths

<div>★ Quick Learner</div> <div>Quick Learner and Adaptable</div>	<div>🗣️ Communication Skills</div> <div>Strong Communication</div>	<div>👥 Collaboration</div> <div>Team Collaboration</div>
<div>✓ Detail Oriented</div> <div>Attention to Detail</div>		