

# MONIKA MAGAR

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## PROFILE SUMMARY

A highly motivated individual seeking an opportunity in a dynamic organization to apply programming knowledge and problem-solving skills in delivering effective solutions, while continuously developing both technical and professional expertise.

## EDUCATION

### Bachelor of Engineering (B.E.) in Computer Science

Savitribai Phule Pune University, Pune

2021-2025

### Higher Secondary Certificate (HSC), Science

Jijamata Kanya Prashala & Junior College, Akhuj

2020-2021

### Secondary School Certificate (SSC)

Nimgaon Vidyamandir and Jr College Nimgaon

2019-2020

## EXPERIENCE

### SCALEFULL TECHNOLOGIES, Pune, Maharashtra (Intern)

Feb 2025– Aug 2025

- I gained hands-on experience in MERN stack development, applying both basic and advanced concepts.
- Built and maintained responsive frontend interfaces using React.
- Developed backend APIs with Node.js and Express.js to handle CRUD operations.
- Integrated MongoDB database for efficient data storage and retrieval.
- Implemented user authentication (JWT) and validation features to enhance security and usability.

Tools & Technologies Used: MongoDB, Express.js, React, Node.js, JavaScript, Bootstrap, HTML, CSS

## TECHNICAL SKILLS

- Frontend Technologies:** HTML, CSS, JavaScript, Node.js, Express.js, React.js
- Database:** MySQL, MongoDB
- Tools & Platforms:** Git, GitHub, Visual Studio Code
- Testing Tool:** Postman

## PROJECTS

### SIGN Observation and Understanding Language (SOUL) | Full-Stack Project

- Developed a system to **facilitate communication through sign language recognition and translation**.
- Designed modules to **capture gestures** using camera input and sensors.
- Implemented algorithms to **process input data** for accurate gesture interpretation.
- Converted recognized signs into **meaningful outputs** for improved communication.
- Enhanced **accessibility and user interaction** for people relying on sign language.

Tools & Technologies Used: Python, React, CSS, JavaScript, OpenCV, TensorFlow, MediaPipe, SignAll API

### ECommerce website | MERN Stack

- Developed a **full-stack web application** to manage land records and registrations efficiently.
- Implemented **CRUD operations** to add, update, and retrieve land information.
- Built **secure user authentication and role-based access control** to protect sensitive data.
- Designed a **responsive and user-friendly interface** using React, HTML, and CSS.
- Ensured **data integrity and smooth performance** through proper backend and database management.
- Tools & Technologies Used:** MongoDB, Express.js, React, Node.js, JavaScript, HTML, CSS

## **CERTIFICATION**

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- Web Development Internship Completion Certificate - by Codsoft Company
- MERN DEVELOPMENT |Wisdom Sprouts

## **EXTRACURRICULAR ACTIVITIES**

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**NSS Volunteer** – Savitribai Phule Pune University

- Participated in health drives, awareness programs, and community service
- Demonstrated leadership, teamwork, and civic responsibility