

# Omkar Sonawane

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## Summary

Computer Engineering undergraduate with practical experience in full-stack web development, AI-based projects, IoT systems, and data structures. Proficient in React, Next.js, Firebase, databases, and building scalable, user-focused applications. Strong problem-solving skills with a continuous learning mindset and ability to adapt to new technologies.

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## Technical Skills

**Frontend:** HTML, CSS, JavaScript, Typescript, React.js, Next.js

**Backend:** Node.js, Express.js

**Programming Languages:** Java, Python, C, C++

**Tools & Platforms:** Git, GitHub

**Concepts:** Object-Oriented Programming, UI/UX Design

**Mobile Development:** Android Development, React Native

**Others:** AI Skills, Prompt Engineering

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## Experience

### Front-End Web Developer | Nov 2022 – Jan 2024

- Developed responsive web applications using **HTML, CSS, and JavaScript**
- Ensured cross-browser compatibility and mobile responsiveness
- Implemented **UI improvements** based on usability principles

### Full-Stack Web Developer | Jan 2024 – Present

- Integrated frontend components with backend services using Node.js
- Enhanced website usability through UI/UX improvements
- Actively learning and applying modern React.js practices

### Open Source Contributor | Mar 2024 – Present

- Contributed to open-source projects on **apache.org and git.github.io**
  - Improved navigation and UI components
  - Fixed bugs and enhanced code quality while collaborating with the community
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## Projects

### Facial Expression Recognition (ML)

- Built a machine learning model to classify facial expressions from images

### Web Applications

- Developed browser-based games such as **Sudoku, Super Tic-Tac-Toe, and Dots and Lines**
  - Built a **College Attendance Management System** for managing student records
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## Education

### BE in Computer Engineering (Ongoing – Third Year)

Singhad Academy of Engineering, Kondhwa Pune | Sep 2024 – Present

### Diploma in Computer Engineering

Vidya Prathishtan's Polytechnic College, Indapur Maharashtra | Sep 2021 – Jun 2024

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## Additional Information

**GitHub:** <https://github.com/OmkarSonawane1230>

**LinkedIn:** <https://www.linkedin.com/in/omkarsonawane1230/>

**Email:** [omkarsonawane.sae.comp@gmail.com](mailto:omkarsonawane.sae.comp@gmail.com)

**Interests:** New Technology, Community Involvement, Programming Competitions.