

SAMIKSHA MUSALE

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SUMMARY

Highly motivated Computer Engineering student with strong academic performance and hands-on experience building modern, responsive, and interactive web applications. Skilled in React, TypeScript, Tailwind CSS, Firebase, and Supabase, with a deep interest in frontend engineering and scalable UI development. Quick learner with a proven track record in hackathons, technical competitions, and real-world project implementation.

SKILLS

- Frontend Technologies: HTML, CSS, JavaScript, Tailwind CSS, ReactJS
- Backend and Databases: Firebase, Supabase
- Programming Languages: C, C++, Java, Python, JavaScript, TypeScript
- Tools and Platforms: Git, GitHub, Figma, VS Code, Vercel, Netlify

EDUCATION

- Pimpri Chinchwad College of Engineering and Research, Ravet — B.E. in Computer Engineering
SGPA: 1st Sem 9.45, 2nd Sem 9.00 | Currently in 3rd Sem | Expected Graduation: 2028
- Sandip College of Art, Science and Commerce, Zodage — HSC (12th) — 81.17% (2024)
- 12th (Competitive) — 95.97% (2024)
- Podar International School, Dhule — SSC (10th) — 95.16% (2022)

PROJECTS

- Ecolens – Climate and Forest Insight Analyzer

An interactive web platform that visualizes how deforestation and climate change are connected over time. It combines real-world data with interactive maps and charts to reveal environmental trends. Future updates will include AI-based insights, satellite imagery overlays, and advanced comparison tools for deeper analysis.

Technologies: React, Tailwind CSS, Vite, API Integration, JavaScript, TypeScript, Charts, Supabase

GitHub: <https://github.com/SamikshaMusale/EcoLens>

- Portfolio – Personal Project

An engaging web-based portfolio designed to showcase my skills, projects, and professional journey in a clean and modern format. This platform allows visitors to explore my work, learn about my expertise, and navigate through different sections seamlessly, ensuring a smooth, informative, and interactive experience across all devices.

Technologies: React, Tailwind CSS, Vite, GSAP, TypeScript, Three.js, Framer Motion, Emailjs

GitHub: <https://github.com/SamikshaMusale/Portfolio>

- Plantitude – Your Plant Care Assistant

An all-in-one platform for plant enthusiasts to search plants by name, access detailed care guides, and explore plant based medicines, with planned features like image-based plant search and integrated plant shopping.

Technologies: HTML, CSS, JavaScript, Tailwind CSS, Vite, API integration.

GitHub: <https://github.com/SamikshaMusale/Plantitude>

- Dumb Charades – Web-based Multiplayer Game

An interactive online version of the classic Dumb Charades game, enabling players to set up games, guess movies in turns, and track scores in real-time across all devices.

Technologies: HTML, CSS, JavaScript

GitHub: <https://github.com/SamikshaMusale/DumbCharades>

ACHIEVEMENTS / CERTIFICATIONS

- Secured 2nd place with an 8/10 score in CodeSpark – 72-Hour Build Challenge, organized by the Developer Community, GEC Siwan.
- Awarded as the FPL Subject Topper for First Year across all branches at PCCOE&R, recognizing outstanding academic performance and consistency.
- Achieved 6th rank in FE Mathematics Quiz Competition at PCCOE&R.
- Top 25 Finalist, Smart India Hackathon 2025 (Round 2) among 500+ teams.
- Participated in HackMatrix (24-hour Hackathon), ARTIMAS 2025, organized by AiMSA in collaboration with the GeeksforGeeks Student Chapter at PCCOE&R.
- Participated in Blind Coding competition at SPECTRUM '25, PCCOE.
- Participated in poster-making competition at PCCOE&R, highlighting creativity and communication skills.