

# Monesh Mergu

Solapur, Maharashtra

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## Objective

Confident and enthusiastic final-year Diploma student in Computer Science at SPM Polytechnic College, with hands-on experience in AI assistants, web development, and prompt engineering. Seeking opportunities to apply my skills in real-world projects and grow professionally.

## Education

Diploma in Computer Science, SPM Polytechnic College, Solapur	Expected 2024
Relevant Coursework: Web Development, Artificial Intelligence, Software Engineering	

## Skills

Technical Skills	MERN Stack, Web Development, AI Development, Prompt Engineering
Soft Skills	Leadership, Communication, Team Management
Technologies	ReactJS, NodeJS, MongoDB, Python, LaTeX
Tools	AWS, Cursor AI, Figma, Canva, WordPress, Grammarly, Postman, IntelliJ IDEA

## Projects

- **AI Assistant (2023)** – Developed an intelligent voice-based assistant with advanced conversational capabilities and task management.
- **Resume Builder (2023)** – Built a dynamic resume generation tool using ReactJS and NodeJS.
- **Fake Currency Detector (2024)** – Created a Python-based application capable of detecting counterfeit currency using image processing techniques.
- **AI Assistant Doctor (2024)** – Developed an AI-powered virtual doctor assistant to provide basic health advice and diagnosis.

## Extra-Curricular Activities

- State-level badminton player.
- Professional dancer.
- Secured 2nd rank in a district-level poetry competition (DYF).
- Single-handedly built a project selected as the 2nd best during industrial training.
- Won 3rd prize in a national-level paper presentation.
- Secured 2nd position in an elocution competition conducted by college.
- Represented college at the Kirloskar Vasundhara event (2025).

## Leadership

- Successfully managed school and college teams in both academics and extracurricular activities.
- Coordinated team efforts and facilitated event management.
- Led multiple events as organizer and mentor.
- Served as **School Captain** in 10th standard after winning school elections.
- Appointed **General Secretary** at SPM Polytechnic College after a rigorous selection interview conducted by faculty members.