Sandeep Madhavrao Patil

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Professional Summary

Passionate, curious, and driven, I love exploring new technologies and solving real-world problems. I enjoy building efficient software that positively impacts people and communities. I strive to grow every day through meaningful, purpose-driven work and embrace challenges that expand my skills and impact.

Education

Bachelor of Technology in Computer Science and Engineering (AI & ML)   Sept 2023 – May 2027
ACE Engineering College, Hyderabad
CGPA: 9.28 / 10.0
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems

Technical Skills

Languages: C, C++, JavaScript, Python, Java
Frameworks: React.js, Node.js, Express.js, Next.js
Web: HTML, CSS, Tailwind CSS, Bootstrap
Tools & Platforms: Git, GitHub, Google Colab, VS Code, Notion, REST APIs, Postman
Databases: MongoDB, MySQL
Concepts: OOP, Data Structures & Algorithms, Software Design

Projects

AI-driven Mock Interview System

- Built an AI-driven Mock Interview System using FastAPI, integrating **Gemini API** to generate **5+ dynamic questions per session** and provide real-time feedback on spoken answers via speech-to-text.
- Implemented real-time pose analysis with OpenCV and Mediapipe, tracking hand, eye, and head movements across multiple participants to derive actionable behavioral insights..
- **Tech Stack:** React.js, Tailwind CSS, FastAPI, Python, NLP, Gemini API, OpenCV, Mediapipe

FlipZon – Full-Stack E-commerce Platform

- Developed a dynamic and responsive **E-commerce Platform** using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented full **CRUD functionality** for product management, **enabling 100% control over product lifecycle** (Create, Read, Update, Delete).
- **Tech Stack:** React, Node.js, Express.js, MongoDB, Tailwind CSS.

Certifications & Achievements

AgentX 2025 – Attendee, Global AI Community	Jun 2025
Certificate of Participation in Innovasia 2024 – Hackathon by VCE	Dec 2024
Top 5 in college coding contest conducted by Smart Interviews	Oct 2024
Career Essentials in Generative AI – Microsoft and LinkedIn	May 2024
Problem Solving Through Programming in C – NPTEL	Apr 2024
Hackathon Participant at Programming Hub and SkillTryo	Mar 2024
Workshop on Data Visualization with Python by LetsUpgrade	Feb 2024