MANDODDI SAI SATHYA DHAWAN

B.Tech – Computer Science Engineering (Artificial Intelligence)

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PROFESSIONAL SUMMARY

Entry-level Computer Science Engineering (AI) student with hands-on experience building software and AI-powered prototypes using modern tools and pre-trained machine learning models. Strong foundation in programming, web development, and computer vision concepts. Seeking entry-level roles, internships, or graduate trainee opportunities to apply problem-solving skills and grow in a professional software development environment.

TECHNICAL SKILLS

Programming Languages: Python, Java

Web Technologies: HTML, CSS, React.js, Node.js, Express.js

Databases: MongoDB

AI / ML Concepts: NLP Basics

Developer Tools: Git, GitHub, VS Code

Other: AI-Assisted Development, REST APIs, Debugging

EDUCATION

Parul University (PIET), Vadodara 2022 – 2026

B.Tech – Computer Science Engineering (Artificial Intelligence)

CGPA: 7.19 / 10

Narayana Junior College, Adoni 2022

Board of Intermediate Education, Andhra Pradesh

Percentage: 69.40

Akshara Sree EM High School, Adoni 2020

Board of Secondary Education, Andhra Pradesh

Percentage: 100

ACADEMIC & PERSONAL PROJECTS

AI Gesture-Controlled Smart Shopping System (Prototype) Jan 2026

Python, OpenCV, MediaPipe

- Developed a real-time touch-free shopping prototype controlled using hand gesture recognition.
- Integrated MediaPipe pre-trained gesture recognition models for real-time interaction.
- Implemented cooldown timers and confidence thresholds to avoid accidental actions.

- Designed visual overlays and audio feedback to enhance user interaction.
- Project developed as a functional prototype using AI-assisted development tools.

AI Excuse Generator Solutions (Prototype)   Dec 2025

MERN Stack, AI-Assisted Development

- Built a full-stack web application to generate automated excuse messages and documents.
- Implemented secure user authentication and session management.
- Enabled dynamic text generation, PDF creation, and email delivery.
- Deployed frontend on Vercel and backend on Render (free-tier environment).
- Live Link: ai-excuse-generator-sigma.vercel.app

CERTIFICATIONS

NPTEL – Introduction to Internet of Things (Score: 75/100)

NPTEL – Computer Networks and Internet Protocol (Score: 57/100)

EXPERIENCE

Academic Projects and Self-Learning   2023 – Present

- Completed multiple academic and self-initiated software and AI-based projects.
- Used AI-assisted tools to understand implementation, debugging, and optimization.
- Participated in technical discussions, presentations, and demonstrations.

SOFT SKILLS

Problem Solving, Logical Thinking, Communication, Adaptability, Team Collaboration

PERSONAL DETAILS

Date of Birth: 02 July 2004

Languages: English, Hindi, Telugu

Address: Adoni, Andhra Pradesh – 518301