Sailee Desai

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PROFESSIONAL SUMMARY

Computer Science student with hands-on experience in full-stack web development, AI/ML integration, and cloud deployment. Built and deployed production-ready AI applications on Streamlit Cloud and Vercel, integrating Google Gemini API for intelligent content processing. Demonstrated leadership as PR Head of ACM-W Student chapter, increasing participation by 30%. Seeking software development opportunities in data engineering and AI-driven applications.

EDUCATION

Usha Mittal Institute of Technology, SNDT University — *Expected 2027*
B.Tech in Computer Science and Technology; Minor: Embedded Systems — *CGPA: 7.95/10*

Jiten Mody Junior College — *2021 – 2023*
12th Grade – Science (PCM)

DEPLOYED APPLICATIONS

SmartCareer AI: ibm-edunet-smartcareer-ai-mbxuzbcqopwpbflrp2f9ss.streamlit.app

CodeSense AI: codesense-ai-one.vercel.app

WORK EXPERIENCE

AI & Cloud Virtual Intern — *Sep 2025 – Oct 2025*
IBM SkillsBuild (AICTE-Endorsed) — *Remote*

- Developed and deployed SmartCareer AI, a full-stack AI-powered career readiness platform using Python, Streamlit, and Google Gemini 2.0 API.
- Built resume analysis engine with ATS compatibility scoring and keyword optimization, serving personalized feedback to users.
- Implemented mock interview system with dynamic question generation and real-time answer evaluation using NLP techniques.
- Deployed application on Streamlit Cloud with multi-format file processing (PDF/DOCX/TXT).

PROJECTS

CodeSense AI - Code Visualization & Analysis Tool | *Python, FastAPI, React, Gemini API* — Nov 2025

- Developed full-stack educational platform with AI-powered code explanations at 4 expertise levels (ELI5 to Expert) for Python, JavaScript, Java, and C++.
- Engineered FastAPI backend with Python AST module for code parsing and automated bug detection with AI-suggested fixes using Google Gemini API.
- Built React frontend with custom CSS animations and state management for interactive visual execution of Python code, tracking arrays and variables step-by-step.
- Implemented rate limiting (10 req/min), error handling, and RESTful API architecture serving multiple code analysis endpoints.
- Deployed on Vercel: codesense-ai-one.vercel.app

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, HTML, CSS, SQL,

Frameworks & Libraries: FastAPI, Streamlit, React, Node.js

Databases: PostgreSQL, MySQL

Tools & APIs: Google Gemini API, Git, Android Studio, XAMPP, Visual Studio Code

Cloud & Deployment: Streamlit Cloud, Vercel

Core Competencies: Full-Stack Development, API Integration, AI/ML Applications, Natural Language Processing, Code Analysis, Data Processing

Leadership & Extracurricular Activities

PR and Outreach Head *2024 – 2025*
SNDT ACM-W Student Chapter
− Led outreach initiatives and marketing strategies, boosting event participation by 30%.

Chess Player, SNDT University Team *Ongoing*
National Level Tournaments
− Represented university at state and national chess tournaments.

Certifications

Google Cloud Arcade Facilitator Program (97 Points): Compute & Storage Fundamentals, API Gateway, Vision/Speech API

IBM: Fundamentals of Artificial Intelligence, Professional Skills Certification

Deloitte: Data Analytics Job Simulation Certificate

JPMorgan Chase : Software Engineering Virtual Experience

Achievements & Recognition

3rd Prize – Innovative Business Plan Competition (IIC, ICT)

National Chess Participant – SNDT University Representative at State and National Tournaments