

SANSKAR CHAUDHARY

COMPUTER SCIENCE ENGINEER

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PROFESSIONAL SUMMARY

Dedicated Computer Science Engineer passionate about leveraging expertise in programming languages to drive innovative solutions. Skilled in problem-solving, strategic planning, and continuous learning, with a focus on enhancing user experience and security.

AREA OF EXPERTISE

PROFESSIONAL SKILLS : Strategic Planning | Problem Solver | Relationship Building | Continuous learning | Adaptability | Critical Thinking

TECHNICAL SKILLS : Python | Pandas | OpenCv | Flask | JavaScript | PowerBI | AWS | MySQL | MongoDB

PROJECTS

• Fatigue Detection System

Skills Used: Python, OpenCV, Dlib, Scipy, Pygame, Imutils

- Developed a real-time system for detecting driver fatigue using computer vision and machine learning.
- Utilized facial landmark detection and Eye Aspect Ratio (EAR) for accurate monitoring.
- Implemented real-time alerts to enhance road safety, achieving high accuracy and compliance with industry standards

GitHub Link- <https://github.com/sanskar2310/Fatigue-Detection-System>

• Microblog

Skills used: Flask, SQLAlchemy, Flask-Login, HTML, CSS, JavaScript

- Developed a full-stack microblogging application with user authentication, dynamic content rendering, and RESTful API integration.
- Utilized Flask-Migrate for database migrations and Docker for deployment, ensuring robust backend functionality and a seamless user experience.

GitHub Link - <https://github.com/sanskar2310/Microblog.git>

• Password Manager

Skills used: Python, tkinter, JSON

- Developed a secure Python-based Password Manager with Tkinter, featuring JSON-based data storage and a strong password generator for enhanced security.
- Integrated user authentication, registration, and intuitive UI design for seamless navigation, ensuring cross-platform compatibility for accessibility across various devices.

GitHub Link- <https://github.com/sanskar2310/passwordmanager.git>

EXPERIENCE

Software Developer Trainee Intern

(Nuclear Power Corporation of India Ltd (NPCIL), Gorakhpur)

July 2023 - August 2023

- Led the creation of entry registration software utilizing Visual Basic and MS Access Database during an internship at NPCIL, Gorakhpur.
- Collaborated closely with team leaders, leveraging strong programming skills to design the logical structure and enhance functionality, demonstrating adaptability and problem-solving prowess.

EDUCATION

- B.Tech in Computer Science - 79%**
Krishna Engineering College (Affl. AKTU).
- 12th Standard- 89%**
Amarnath Vidya Ashram.

CERTIFICATES

- Certificate in Cloud Computing**
HONEYWELL STUDENT EMPOWERMENT PROGRAM (ICT ACADEMY)
- Certificate in Data Analytics**
ATOS YOUTH EMPOWERMENT PROGRAM (ICT ACADEMY)