

Sandeep S

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TECHNICAL SKILLS

Languages: Python, Java, JavaScript (Basic)

Core Concepts: Data Structures and Algorithms, Object-Oriented Programming, Problem Solving

Web Development: HTML5, CSS3, JavaScript (Basic)

Databases: Basic SQL

Tools & Platforms: Git, GitHub

PROJECTS

Netflix Homepage Clone

Frontend Web Application — HTML5, CSS3, JavaScript — GitHub

- Developed a **responsive Netflix homepage clone** with custom UI components and modern layouts.
- Ensured cross-device compatibility and clean visual hierarchy using pure frontend technologies.

Emotion-Based User Interface

Web Application — Python, OpenCV, Deep Learning, CNN, HTML, CSS, JavaScript — GitHub

- Built a web application that detects **real-time facial emotions** using webcam input.
- Applied **computer vision and deep learning models** to adapt the user interface dynamically.

A Forensic Framework for Estimating Logical Editing Layers in Deepfake Images

Deep Learning Project (Ongoing) — Python, PyTorch, CNN, Computer Vision, OpenCV

- Developing a **forensic deep learning framework** to estimate logical editing layers in deepfake images.
- Leveraging **CNN-based architectures** and image forensics techniques to analyze manipulation traces.

EXPERIENCE

CodSoft (Virtual)

Web Development Intern — HTML, CSS, JavaScript

- Completed a **4-week internship** focused on modern web development technologies and best practices.
- Built responsive UI components and strengthened frontend development fundamentals.

Besant Technologies (Virtual)

Python Programming Intern — Python, OOPS, Problem Solving

- Successfully completed a **one-month virtual internship** in Python programming.
- Gained hands-on experience with **core Python concepts** and object-oriented design principles.

ACHIEVEMENTS

Developed multiple **real-world projects** showcasing practical software development skills.

Demonstrated continuous learning through consistent coding practice by completing 70+ leet code problems.

EDUCATION

B.E. in Computer Science and Engineering

2022 – 2026

JCT College of Engineering and Technology, Coimbatore

Higher Secondary Education – Computer Science

2020 – 2022

Sacred Heart MHSS, Kanyakumari

Secondary Education

2020

Sacred Heart MHSS, Kanyakumari