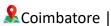
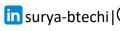
# Surya B





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| ■ My Portfolio

#### **PROFILE**

Aspiring tech savant with extensive expertise in Artificial Intelligence (AI), Machine learning (ML), Deep learning (DL), complemented by front-end skills (HTML, CSS, JS). Driven by a passion for critical thinking and problem-solving. Excited to contribute to your company's success and growth with my technical skills and passion for Al.

## **SKILLS**

Artificial Intelligence (AI)

Machine Learning (ML)

Deep Learning (DL)

HTML

**CSS** 

JavaScript

### **PROJECTS**

## • FaceIntuit - A Deep Face Detection Website

Aug 2024 - Currently working

Developed a web interface for our machine learning project submission in the Smart India Hackathon 2024, using HTML, CSS, and JavaScript to create a user-friendly experience. The frontend is integrated with a Flask-based backend, which will handle deep face detection functionality that is currently under development. This project showcases the application of advanced AI techniques, aiming to seamlessly merge both frontend and backend components for a smooth and efficient user interaction.

My Role: Web Developer.

Technologies Used: Models: CNN, RNN, GAN.

Frontend Development: HTML, CSS, JAVASCRIPT.

## Surya - My Portfolio

April 2024 - May 2024

Designed a responsive portfolio site using HTML, CSS, and JavaScript, with dedicated sections for About, Skills, Experience, Projects, and Education. A collaboration form with validation was included, along with dynamic content handled via JavaScript. Analytics tools like Google Analytics and Microsoft Clarity were integrated for tracking user interactions. The project was managed using Git for version control and deployed smoothly on GitHub Pages.

My Role: Web Developer.

**Technologies Used:** 

Frontend: HTML, CSS, JavaScript.

Web Analytics: Google Analytics, Microsoft Clarity.

Version Control: Git, GitHub.

Deployment Platform: GitHub Pages.

#### Vision SoC - An Image upscaler Model

April 2024 - May 2024

A High-Resolution Image Enhancement Application developed with ESRGAN (Enhanced Super-Resolution GAN) to drastically improve image quality by refining clarity and retaining intricate details. Milestone: Achieved flawless upscaling, preserving complex textures while enhancing overall sharpness for exceptional image output. Future goals involve adapting the application for processing satellite images to support advanced imaging needs.

My Role: Documentarian.

Technologies Used:

Frontend: HTML, CSS, JavaScript.

Algorithm: ESRGAN.

Backend: Python and Flask.

## Chat SoC - An AI powered chatbot

March 2023 - May 2023

Generative AI with Large Language Models - Coursera

An AI-driven chatbot created to enable seamless, human-like interactions while providing enhanced features via API integrations. Utilizing advanced natural language processing (NLP) techniques, it comprehends user queries and responds contextually. The bot is capable of handling a variety of tasks, improving user experience through intelligent conversation management. Its architecture allows for continuous learning and adaptation, ensuring relevant and timely assistance for users.

My Role: Documentarian.

Technologies Used :

Backend: Python.

**Kathir College of Engineering** 

Algorithm: Natural Language Processing (NLP).

#### EDUCATION CERTIFICATIONS

2021-2025

B.Tech Artificial Intelligence and Data Science Machine Learning basics - Great Learning

CGPA: 7.452 /10 Deep Leaning Basics - Simplificarn

Perks Matriculation Higher Secondary School HTML,CSS,Javascript for Web Developers - Coursera

**Higher Secondary Education 2019-2021 Python** - Edureka

Grade: 88.83 %

Perks Matriculation Higher Secondary School LANGUAGES

Senior Secondary Education 2018-2019 • English • Tamil • Hindi

Grade: 81.6 %

## **NON TECHNICAL SKILLS**

Team Player
Bias for action
Problem solving
Communication