SUNDARESAN V

AI & ML ENGINEER

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GitHub | Linkedin | LeetCode | Portfolio

EDUCATION

Sathyabama Institute of Science and Technology   Chennai, Tamil Nadu, India
CSE BE   September 2022 - September 2026
CGPA: 8.7

Vels Vidyashram   Chennai, Tamil Nadu, India
CBSE 12th   July 2021 - July 2022
Percentage: 86%

The Navodaya Academy   Namakkal, Tamil Nadu, India
CBSE 10th   July 2019 - April 2020
Percentage: 83%

SKILLS

Programming Languages:	Python, C, JavaScript, MySQL, TypeScript
Libraries/Frameworks:	Tensorflow, PyTorch, Django, React, scikit-learn, Next.js, Pandas, ReactNative, Matplotlib, Plotly
Tools / Platforms:	Git, GitHub, Blender, Figma, Tableau, VS Code, AWS
Databases:	SQL, MySQL, MongoDB, Firebase

PROJECTS / OPEN-SOURCE

Automatic Number Plate Recognition   *Machine Learning*

This project is designed to automatically capture, interpret, and store vehicle license plate information. It uses OCR and YoloV8 model to automatically read and interpret license plate information from images or videos, enhancing efficiency in traffic management and security applications.

Medical Detection Hub | Link   *Deep Learning, Django*

The Medical Detection Hub is an open-source project aimed at providing accessible and reliable detection solutions for medical conditions. This repository offers a user-friendly web interface for detecting skin cancer and pneumonia through image uploads.

E-Voting | Link   *Python, Firebase*

E-Voting v-6.01 is an election application designed for desktop and laptop computers. Built on the flet library in the Python programming language, it allows users to conduct elections quickly and easily. The application is primarily designed for use in schools and colleges, but it can also be used in other fields that require elections.

Event Management | Link   *Next.js, Tailwind CSS, MongoDB*

This project is an event-management platform designed for schools and colleges to efficiently host and manage their events. The application ensures a modern and responsive user experience while providing robust and scalable database management. This tool aims to streamline event organization, making the process easier and more effective.

CERTIFICATIONS

- Python - **Hackerrank**
- DATA BUZZ Project Expo - Sathyabama University (1st Place).
- Ideas Canvas - Jeppiaar College (2nd Place).
- Global AI Bootcamp - Microsoft.