SELVAKUMAR S

"Python and Web Development Enthusiast |"Passionate about Front-End Developer with knowledge of HTML,CSS AND JAVASCRIPT"

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Selvakumar|LinkedIn
Selvakumar|Github
Selvakumar|Portfolio

EDUCATION

P.A.COLLEGE OF ENGINEERING AND TECHNOLOGY,
Pollachi–B.E.Computer Science
(2021–2025) CGPA–8.0

SAINIK SCHOOL AMARAVATHINAGAR (CBSE),
Amaravathinagar – HSC
(2020–2021) Percentage–69.7%

PROJECTS

TIA RISK PREDICTION,LINK
Description of the project– This machine–learning–powered tool predicts the risk of Transient Ischemic Attacks (TIA) using patient health data. Built with Python and Streamlit, it integrates Logistic Regression, SVM, and LSTM models for accuracy.
Technologies or tools used: Logistic Regression, Support Vector Machine, Long Short-Term Memory

STOCK PRICE PREDICTION,LINK
Description of the project– This project involves user interaction for input parameters,training five distinctive machine learning algorithms ,comparing their performance,and ultimately selecting the most effective algorithm for predicting future stock prices.
Technologies or tools used: Python,Yfinance,Pandas,Numpy,SKLearn ,Machine Learning Algorithms.

AUTOMATED EYE DISEASE DETECTION,
Description of the project– A Flask-based deep learning app that classifies eye diseases like Cataract, Diabetic Retinopathy, and Glaucoma from retinal images using CNN models (VGG16, ResNet50, EfficientNet), providing accurate predictions, confidence scores, and tailored insights to support early diagnosis and healthcare access.

CERTIFICATES

Certified "**Complete Python course**" **Python|certificate**

Certified "**Foundation Program**" - **Infosys'| Campus Connect**

Certified "**Robotic course**" **Robotic|certificate**

Certified "**Machine Learning**" **ML|certificate**

Certified "**ARVR Developer**" **ARVR|certificate**

SKILL

Python

HTML | CSS | Javascript

Machine Learning

Cloud Computing

Java

SQL | ARVR | UIUX

TOOLS : PowerBi | Figma | Tableau | AWS | Azure | Canva | Postman | Middleware

PAPERS PRESENTED

Internet of Things

Data Science

Cybersecurity

INTERNSHIP

"Full stack web development intern", at Unified Mentor Pvt Ltd. **UM|Certificate**

"DJANGO in Python", at Prime Solution. **Django|certificate**

"Python Programming", at R2C Technologies. **Python|certificate**

ACHIEVEMENTS

Tamil Mandram Additional Secretary at P.A.College of Engineering and Technology (2024–2025).

Music club Secretary at P.A.College of Engineering and Technology (2023–2024).

ISTE club Executive Member at PACET.