

LAKSHMIDEVI S

Front-end Developer

EDUCATION

ME (CSE), P.S.R ENGINEERING COLLEGE

Passed out: 2025

Current : 8.3 CGPA

BE (CSE), P.S.R ENGINEERING COLLEGE

Passed out: 2023

8.4 CGPA

Diploma (ECE), P.S.R POLYTECHNIC COLLEGE

Passed out: 2020

9.4 CGPA

SSLC, Safire Matriculation School, Sivakasi

Passed out: 2017

81 %

CONTACT

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OTHER DETAILS

DOB	29 September 2001
Marital Status	Single
Current Address	No:2/2390, Girahathyammal Nagar ,Sivakasi -626189

PROFESSIONAL EXPERIENCE

- Proficient in HTML, CSS, and JavaScript for developing dynamic and responsive web applications, as demonstrated in the Hospital Management System project.
- Extensively used Python for various applications, including deep learning in the Brain Tumor Detection project and Tkinter for 2D Game Development.
- Hands-on experience with IoT devices and technology, as showcased in the Power Generator Using Footsteps and Air Pollution Detection App projects.
- Developed user-centric mobile applications like the Blood Donation App and Air Pollution Detection App, integrating machine learning and IoT functionalities.
- Applied machine learning algorithms to solve real-world problems such as air quality monitoring and brain tumor detection.
- Designed a 2D game using Python Tkinter, demonstrating creativity and a command over Python's GUI libraries.
- Built hardware-integrated solutions like the Voice-Controlled Wheelchair and Motion Detector Alarm, showcasing expertise in prototyping and embedded systems.
- Familiarity with agile development methodologies, ensuring effective project management and version control through tools like GIT.

SKILLS

Framework	Angular, Bootstrap
Language	Typescript, Html, CSS, JavaScript
IDE's	Visual Studio Code.

PROFESSIONAL EXPERIENCE

Project – I : 2D Game Development

Technology : Python
Environment : Python, Windows OS
Duration : Since September 2020
Role : Developer
Description : We can use tkinter in python .we create 2D snake game, Tic-tac-toe game, and d dusted. It is typically the platform for budding game developers as they are easier to design even with limited resources.

Project – II : Power generate using footsteps in IOT

Technology : IOT
Environment : Windows OS
Duration : Since September 2022
Role : Developer
Description : The process of producing electrical power from different types of energy sources is called electricity generation.This type of energy is an essential part of nature.We generate electricity by converting primary sources of energy like atomic, gasoline, coal, and other natural sources. Now we have done a project ,current generate while walking in IOT. Here kinetic energy is converted into electrical energy

Project - III : AIR POLLUTION PREDICTION USING MACHINE LEARNING

Technology : Machine Learning, Python
Environment : Python, Visual Studio Code, Windows OS
Duration : Since December 2023
Role : Developer
Description : Air quality, a vital natural resource, is deteriorating due to economic activities. While research aims to predict poor air quality, many studies lack long-term data, limiting consideration of seasonal factors.Various machine learning algorithms, such as K-Nearest Neighbor (KNN), Logistic Regression, and Random Forest Regression, have been developed for air quality prediction.

Project – IV : ENHANCED DETECTION OF 3D BRAIN TUMORS THROUGH A DEEP LEARNING APPROACH

Technology : Python
Environment : Anaconda, Visual Studio Code, Windows OS
Duration : Since June 2024
Role : Developer
Description : This Project I used 3D MRI Image for using to detected the Brain tumor . A novel two-pathway-group CNN architecture improves accuracy by capturing local and global features, reducing instability, and integrating outputs through a cascaded multicast design. It outperforms state-of-the-art methods with efficient computation.

Date:

Lakshmidevi

