

S. Kalaiselvan

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in LinkedIn



Profile

I am actively searching for a challenging and rewarding position that will facilitate my professional growth and allow me to gain practical experience in my field. I am eager to leverage my skills and expertise to contribute to the success of the organization while continuously expanding my knowledge and skillset.

Skills

Python, Data science, SQLite, Java, HTML, CSS, Full stack development

Software and tools

Microsoft Excel, Eclipse, Visual Studio Code, Jupyter Notebook, Apache Tomcat, Adobe Illustrator

Projects

Facial Expressions based Music Streamer Web App

- A Web application that makes use of deep-learning based Facial Detection and Emotion detection techniques to identify a person's Emotion and stream/recommend songs to the person.
- Data wrangling is performed on raw data from the Spotify API and genre classification is achieved using Machine Learning techniques, which is then used to make music recommendations to the user based on the detection emotion.
- *Tech used: Tensorflow for Deep Learning (models such as VGG 16), Python for data wrangling and Machine Learning, Flask, Jupyter Notebook.*

Telegram Bot for Food ordering using AWS

- Created a Telegram bot that places a food order and notifies the chef , using AWS API Gateway, DynamoDB, Lambda functions and Simple Notification Service.

File Encryption Application using Java servlets

- Application that can be used for securing files through encryption developed using Java servlets.

Fingerprint based Door Lock mechanism.

- An IoT-based project that fetches a user's fingerprint through a mobile application and transmits it through a Bluetooth module to authenticate the opening of a Door Lock.

Dynamic Website that provides information about Agricultural practices.

- Created a website using HTML, CSS, PHP and DBMS with login feature wherein user can view information about various agricultural practices and can also post their queries to the admin as comments.

Mini-Projects

ToDo list website

- A website where a user can maintain a ToDo list by adding or removing ToDo tasks using JavaScript, HTML and CSS.

Education

- SSC - 97.30% Bharathi Higher Secondary School, Namakkal - 2017
- HSC - 96.83% Bharathi Higher Secondary School, Namakkal - 2019
- B.Tech-Information Technology 8.01 CGPA at CEG, Anna University, Chennai - 2019-2023