SELVAGANESH



ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



selvavelayutham395@gmail.com



<u>LinkedIn</u>





CAREER OBJECTIVE

Motivated and adaptable individual with a strong desire to learn and grow in any professional environment. Committed to delivering high-quality work, managing time efficiently, and collaborating effectively with teams. Passionate about continuous learning, taking initiative, and contributing to meaningful projects that drive success in a dynamic and fast-paced work environment.

EDUCATION

Bachelor of Technology Bannari Amman Institute of Technology, Sathyamangalam	CGPA: 7.2 (Till 5th Semester) 2022-2026
Diploma in Electrical and Electronics Engineering (DEEE)	83.41%
PSG Polytechnic College	2020-2023
SSLC	2019-2020
Sakthi Vigneswara Kalvi nilayam Higher secondary School	76.4%

TECHNICAL SKILLS

Programing Languages:

- C
- Python
- Java

Front-end Development Tools:

- HTML
- CSS
- Figma

Tools Known:

- VS Studio
- Google Colab (Machine Learning)
- Jupyter Notebook (Machine Learning)

Areas of Interest:

- Web Design and Development
- UI and UX
- Machine Learning fields

SOFT SKILLS

- Problem Solving
- Presentation
- Self-learning
- Adaptability

M LANGUAGES KNOWN

- Tamil (L,W,S)
- English (L,W,S)



Road Traffic Prediction using Machine Learning

A machine learning-based system to predict traffic patterns using historical data and external factors like weather and time of day.

- Used Random Forest Algorithm to predict traffic conditions.
- Preprocessed traffic data using Numpy and other data manipulation tools.
- Technology Used: Numerical Python and some Pre-processing libraries, Random Forest Algorithm.
- **Github Link Road Traffic Prediction**

2048 Game using Python

Developed a Python-based 2048 game where players slide tiles on a grid to combine and increase their values.

- Implemented the game logic and UI using Python.
- The game involves logical thinking and strategy to reach the highest score.
- **Technology Used:** Python **Software Tool** Pycharm.

Location Chat Bot

A chat bot that helps users find location-based information by utilizing a location service and API key to fetch relevant data.

- Implemented the chat bot interface using HTML, CSS, and JavaScript.
- Integrated Google Maps API and a location service to fetch user-specific data.
- Technology Used: HTML, CSS, JavaScript, Google Maps Key Tokens links.

HOBBIES

- Video Editing
 Drawing
- Listening Music
 Photography

ADDITIONAL INFORMATION

- Attended the Build Your Own Generative Al Model Workshop by Al Expert and IIT Delhi alumnus, Mr. Trivikrama, on the NXT Wave Platform. Gained hands-on experience in generative Al model development.
- AWS Cloud Computing Completed a one-credit course, gaining hands-on experience in AWS services, cloud infrastructure deployment, and database management.
- Machine Learning Deployment with Docker Completed a one-credit course, learning containerization, Dockerfile creation, and deploying ML projects in scalable cloud environments.

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.I take full responsibility for its accuracy and authenticity.

Place: Tiruppur

Solvagnish V