PANDIYAN S
MACHINE LEARNING ENGINEER

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 S-PANDIYAN
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EDUCATION

•**Bachelor of Technology in Artificial Intelligence and Machine Learning (Currently Pursuing)** *2023 – 2027*
Sri Shakthi Institute of Engineering and Technology CGPA: 7.9

•**Higher Secondary Certificate (HSC)** *2021 – 2023*
Government Higher Secondary School, kedar Percentage: 75%

•**Secondary School Leaving Certificate (SSLC)** *2020 – 2021*
Government Higher School, kedar Percentage: 90%

PERSONAL PROJECTS

•**Student Leave Application Portal**

Built a full-stack web app using Flask and SQLite to manage student leave workflows with PDF report generation.

– Created a user-friendly leave management system for students and staff.
– Integrated automated PDF report generation using Python libraries.
– Technology Used: Flask, SQLite, HTML/CSS, Bootstrap.

•**Parkinson's Disease Prediction System**

Used SVM to predict Parkinson's disease from voice data and deployed it with an interactive Gradio interface.

– Extracted features from voice recordings for classification.
– Achieved high prediction accuracy using Support Vector Machine (SVM).
– Technology Used: Python, Scikit-learn, Gradio.

•**Emotichat – Sentiment-Based Chat Analysis**

Developed a deep learning model using RNN to classify emotions in real-time chat messages.

– Built an RNN-based model trained on labeled emotional chat datasets.
– Implemented a real-time message classification pipeline.
– Technology Used: Python, TensorFlow/Keras, Natural Language Processing.

COURSE WORK

•**Undergraduate**

Relevant Subjects

– Data Structures and Algorithms
– Object-Oriented Programming
– Database Management Systems
– Deep Learning
– Computer Networks
– Artificial Intelligence
– Machine Learning

TECHNICAL SKILLS AND INTERESTS

Languages: Python,HTML+CSS,Javascript
Libraries :Python Libraries,Scikit-learn,ReactJs
Web Dev Tools: VScode, Git, Github,Colab
Frameworks: Flask,Django
Cloud/Databases:MongoDb,Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Deep Learning, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Web Design and Development, Cloud Security.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

LANGUAGES

– English
– Tamil