

# SIVA SAKTHII U S

## Machine Learning Engineer

+91 8667376459   @ sivasakthiius@gmail.com   linkedin.com/in/siva-sakthii-u-s-114143277  
leetcode.com/u/SivaSakthii/   Coimbatore, Tamil Nadu, India   github.com/Siva-Sakthii

### SUMMARY

A motivated B.Tech AI/ML student with strong problem-solving and software development skills in Python, MySQL, OOPS, and Machine Learning. Passionate about leveraging technology to build efficient, scalable solutions and eager to apply knowledge to real-world challenges. Adaptable, detail-oriented, and a collaborative team player with a strong work ethic, committed to continuous learning and contributing to innovative projects.

### EDUCATION

<b>B.Tech Artificial Intelligence and Machine Learning</b> Sri Shakthi Institute of Engineering and Technology 10/2022 - 05/2026	GPA <b>9.23</b> / 10
<b>Higher Secondary</b> Venkatalakshmi Matric Higher Secondary School 08/2020 - 06/2022	Percentage <b>89.6</b> / 100
<b>Secondary School</b> St. Francis Anglo Indian Girls High School 06/2019 - 05/2020	Percentage <b>85.4</b> / 100


### PROJECTS

<b>Phishing Website Detection using Machine Learning</b> 03/2024 - 05/2024 A machine learning-based system to detect phishing websites by analyzing various features and patterns. <ul style="list-style-type: none"><li>Evaluated multiple ML algorithms and selected XGBoost for its superior performance.</li><li>Extracted and processed website features for classification.</li><li>Achieved high accuracy in detecting phishing websites through optimized feature selection.</li><li><b>Tech Stack:</b> Python, XGBoost, Scikit-learn, Pandas, NumPy, Flask, HTML.</li></ul>
<b>AI-Powered Retail Insights and Query System</b> 10/2024 - 12/2024 An intelligent retail analytics system that detects empty shelf spaces, enables text-to-query database interactions, and performs sentiment analysis for better decision-making. <ul style="list-style-type: none"><li>Used YOLOv5 for object detection to identify empty shelves and product availability.</li><li>Developed a text-to-query feature with the Gemini API for database insights.</li><li>Integrated sentiment analysis to analyze customer feedback.</li><li><b>Tech Stack:</b> Python, Flask, Labellmg,YOLOv5, Gemini API, HTML, CSS.</li></ul>



### CERTIFICATION

Python for Data Science, AI & Development - IBM

### ACHIEVEMENT

 <b>TCS CodeVita Global Rank 3177 (2024)</b> Secured a global rank of 3177 in TCS CodeVita, demonstrating strong problem-solving and competitive programming skills.
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### INTERESTS

 Machine Learning
 Deep Learning

### SKILLS

Python	MySQL	OOPS	AWS
Machine Learning			

### KEY STRENGTHS

Communication	Leadership
Problem-solving	

### PUBLICATIONS

<b>Phishing Website Detection using Machine Learning</b> International Journal of Scientific Research in Engineering and Management 07/2024
<b>AI-Powered Retail Insights and Query System</b> International Journal of Scientific Research in Engineering and Management 12/2024