

Srihari Thyagarajan

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🐙 [GitHub](#)

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👨‍🍳 [Codechef](#)

📍 Mumbai, MH

Education

Mukesh Patel School of Technology, Management and Engineering (NMIMS)

2021 - 2025

Bachelor of Technology (B.Tech.) in Artificial Intelligence, CGPA: 3.82/4

Mumbai, Maharashtra

Work Experience

Engagely.ai

May 2023 — June 2023

Engineering Intern

Mumbai, MH

- Hands-on Testing Exposure: Learned bug detection and documentation.
- Collaborative Coding Insights: Issue management, explored Python-Flask.

Gif Your Game

Sep 2020 — Present

Customer Service, Technical Support (Freelancer)

Remote, India.

- Issue Resolution: Researched and promptly resolved customer inquiries.
- Quality Assurance: Conducted app quality testing and documented issues.

Projects

Evolutionary Neural Networks with KNN Partitioning **Ongoing** | Python, Streamlit, sklearn, SciPy, NumPy

- Implementation of the *Improving Neural-Network Classifiers Using Nearest Neighbor Partitioning* paper which involves utilizing Evolutionary Computing to train a Neural Network, enhancing its performance through KNN Partitioning, allowing for more flexible decision boundaries - visualized through interactive Streamlit integration.

Text Summarization of Amazon Customer Reviews **Ongoing** | TensorFlow, PyQt5, NLTK, Pandas, Regex, Python

- Architecture: Implemented bidirectional RNN with LSTM for Amazon review summarization, enhancing quality and relevance for fine foods.

[Flight Booking Management System](#) | Python, Qt, PyQt5, MySQL, Twilio

- User-Friendly GUI: Created a user-friendly GUI with PyQt5, offering an intuitive experience.
- Flight Details: Provided comprehensive flight information to users, including availability, schedules, and fares.

[Image Processing](#) | Python, PyQt5, OpenCV, Pandas, NumPy

- Laplacian Edge Detection: Implemented the Laplacian filter to detect edges in images, aiding in object recognition and boundary detection.
- LPF (Low-Pass Filtering): Implemented a low-pass filter to remove high-frequency noise from images, enhancing image quality.

[Attendance System using Facial Recognition](#) | Python, PyQt5, OpenCV, Haarcascade classifiers, Excel

- Efficient Attendance Tracking: Developed a facial recognition system to automate attendance tracking, replacing traditional methods with an efficient and contactless solution.
- Project Scope: Oversaw end-to-end project, from face detection to data storage.

Volunteer Experience

Mumbai Mobile Creche

May 2022—June 2022

Tutor

Mumbai, MH

- Effective Communication: Used strong interpersonal communication skills to convey information to others.
- Education Support: Subjects involving basic math, science, geography, and history were taught to the children at the creche.
- Administrative Assistance: Helping the teachers in finishing backlogs for registers/audit logs with regards to the organization's database.

Technical Skills

Languages: Python, C++, Java

Databases: MySQL, MongoDB

Libraries/Frameworks: Flask, Streamlit, Qt, NumPy, Pandas, scikit-learn, SciPy, Matplotlib, OpenCV, keras, nltk, spacy.

Developer Tools/Platforms: Git, GitHub, GitLab, Linux, Windows, Android Studio

Coursework: Machine Learning, Artificial Intelligence, Deep Learning, Natural Language Processing, Signal and Image Processing, Data Structures and Algorithms, Operating Systems, Database and Management Systems, Computer Networks, Linear Algebra and Differential Equations, Statistics.