

# Jayasriram S I

Portfolio : [jayasriramsi.github.io/Portfolio](https://jayasriramsi.github.io/Portfolio)

Phone number : +91 9384997258

Gmail: [Jayasriram0203@gmail.com](mailto:Jayasriram0203@gmail.com)

LinkedIn: [linkedin.com/in/jayasriram27](https://linkedin.com/in/jayasriram27)

## Career Objective

Enthusiastic and goal-driven Fresher aspiring to work as an AI Engineer or Java Full Stack Developer. Skilled in Python, Machine Learning, Deep Learning, Java, and Web Development, with a passion for creating intelligent, scalable, and innovative applications. Eager to contribute to organizational growth while enhancing technical and analytical capabilities.

## Skills

- **Programming Languages:** Python, Java, SQL.
- **AI & Machine Learning:** Machine Learning, Deep Learning, Data Analysis, Model Evaluation.
- **Frameworks & Libraries:** TensorFlow, Keras, Scikit-learn, OpenCV, Pandas, NumPy.
- **Backend Development:** Core Java, Advanced Java, Spring Boot.
- **Frontend Development:** HTML5, CSS3, JavaScript, React.js, JSP, Servlets.
- **Database Management:** Oracle (DDL, DML, Joins, Stored Procedures)
- **Version Control & CI/CD:** Git, GitHub.
- **Containers & Deployment:** Docker (*Basic*).
- **Development Environments:** Eclipse, VS Code, Jupyter Notebook, Google Colab, Kaggle.
- **Soft Skills:** Team Collaboration, Communication, Problem Solving, Adaptability, Leadership.

## Education

- M.Sc. Computer Science (*2023 - 2025*)  
SASTRA DEEMED TO BE UNIVERSITY, Kumbakonam (*CGPA: 7.24*)
- B.Sc. Computer Science (*2020 – 2023*)  
BISHOP HEBER COLLEGE, Tiruchirappalli (*CGPA: 8.00*)

## Projects

### 1. MRI Brain Tumor Identification Using Multi-Class Classification & Deep Learning

(Developed a **CNN-based deep learning model** with GUI for real-time MRI tumor analysis, achieving 98% precision across 4 tumor types and strengthening clinical decision support)

### 2. GUI-Based MRI Brain Tumor Classification Using VGG Models

(Designed a user-friendly GUI for MRI tumor classification using **VGG**, boosting early detection accuracy by 15% and reducing diagnosis time by 20%)

### 3. Suspicious Activity Detection Using Transfer Learning

(Executed transfer learning with **TensorFlow** on 2,000+ video samples, achieving 92% accuracy and enhancing surveillance reliability)

## Research Projects & Conference Presentations

- GUI-Based MRI Brain Tumor Classification Using CNN – Presented at ICMMCI 2025
- MRI Brain Tumor Identification Using Deep Learning – Presented at ICMAT 2025

## Internship & Extracurricular Activities

- **Internship – BSNL, Tiruchirappalli**  
(Supported a team of 5 engineers in telecom operations, optimizing workflows that reduced fault resolution time by 12%).)
- National Service Scheme (NSS) Volunteer, Bishop Heber College  
(Organized 2+ **community service drives** with 50+ participants, promoting sustainability and cleanliness.)

## Certifications

- Java Programming, SQL (DMS & DML), Excel for Intermediate – *Great Learning*
- TCS iON Career Edge - Young Professional – *TCS iON Digital Learning Hub*
- Career Essentials in Generative AI – *Microsoft & LinkedIn*