Jayasriram S I

Portfolio : jayasriramsi.github.io/Portfolio

Phone number : +91 9384997258

Gmail: Jayasriram0203@gmail.com

LinkedIn: 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*