

SHYAM J

Madurai, Tamil Nadu | +91 6380254785 | shyamjk10@gmail.com

Github : github.com/shyam-210 | LinkedIn : linkedin.com/in/shyamjk10 | LeetCode: leetcode.com/u/shyam_026/

Objective

A driven AI and Data Science student proficient in Python, ML, and DL, aiming to contribute innovative solutions in AI-driven projects and data analytics.

Education

B.Tech Artificial Intelligence and Data Science **2026**

At KLN College of Engineering Sivagangai with 8.3 CGPA up to 5th semester

Higher Secondary Schoolings(HSC) **2022**

At CSR Memorial Matric Higher Secondary School Madurai with 85% of marks

Skills and Tools

- **Programming** : Java, Python, C
- **Frameworks & Tools** : Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, SQL, Jupyter Notebook, Git
- **Soft Skills**: Problem-Solving, Communication, Leadership, Analytical Thinking, Decision-Making

Projects

- **Virtual Fencing Project** – Developed an AI-based surveillance system using YOLOv8 and OpenCV to detect objects crossing a user-defined virtual boundary in real time, replacing traditional physical fencing systems.
- **Brain Tumor Segmentation Web App** – Built a web app to segment brain tumors from MRI images using U-Net architecture.
- **Alzheimer's Disease Classification** – Classified stages of Alzheimer's from MRI using CNN-based deep learning models.

Certificates

- 5-Day Value Added Course on Microsoft Azure Cloud Computing
- Career Essentials in Generative AI by Microsoft and LinkedIn
- Certificate of Winner for Brain Tumor Segmentation Project in the Project Expo Conducted by Google Developer Groups at KLNCE
- Certificate of Runner for Alzheimer's Disease Classification Project in Project Expo Conducted by Department of EEE at KLNCE
- Introduction to Machine Learning – IITKGP (NPTEL)
- Human Computer Interaction (NPTEL)