

# SHREYASS KRISHNA S A

## B-TECH ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Address: Sirumugai, Coimbatore, Tamil Nadu.  
Mobile No: 7904765269  
D.O.B: 01/10/2003

Github: [github.com/shreyasskrishna](https://github.com/shreyasskrishna)  
Linkedin: [linkedin.com/in/shreyass-krishna](https://linkedin.com/in/shreyass-krishna)  
Email: shreyasskrishna09@gmail.com

### SKILLS

- **Technical skills:** C, Python, SQL.
- **Area of interest:** Machine learning, Deep learning, Gen AI, Computer networking, RDBMS.
- **Tools known:** VS Code, Google colab, Jupiter notebook, Excel, Github.

### PROJECTS

#### DIAGNOSIS OF DIABETIC RETINOPATHY USING MULTI MODEL APPROACH (ML&DL).

5 months, Team leader-2 members.

**Description:** Developed an advanced retinal image classification system using CNN for feature extraction, SVM for classification, and Ensemble Learning, with a Gradio interface for real-time diagnostics.

**Social impact:** Facilitates early detection and accurate diagnosis of diabetic retinopathy to prevent vision loss.

#### BRAIN TUMOR DETECTION USING HYBRID CNN (DL).

3 months, Team member – 3 members

**Description:** Built a Hybrid CNN model combining ResNet50 and VGG16 for MRI-based brain tumor classification into Glioma, Meningioma, Pituitary, and No Tumor. Achieved 94% accuracy through deep feature fusion and fine-tuning.

**Social impact:** Enables early and accurate tumor detection, aiding timely treatment decisions.

#### OBJECT DETECTION USING WEBCAM (DL).

3 months, Team member-3 members.

**Description:** Developed a YOLOv4-based object detection system using OpenCV for real-time traffic control, crime detection, and rare species monitoring.

**Social Impact:** Improved traffic management, crime prevention, and rare wildlife species detection.

### INTERNSHIP

#### 1. Intersect IQ (Mar 2025 – Present) – Bangalore

System Engineer-(AI & ML)

Contributed to real-time deep learning projects with end-to-end deployment using MLOps practices. Integrated LLMs and external APIs to build scalable AI systems for production environments.

#### 2. Store Soft Solutions (Feb 2023 – Mar 2023) – Chennai

Database Intern

Worked on relational database management, performed CRUD operations, and optimized queries to enhance system performance. Gained hands-on experience with ACID properties, RDBMS concepts.

### EDUCATION

#### **B.TECH -ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING(2022-2025)**

Bannari Amman Institute of Technology.  
CGPA - 8.3

#### **DIPLOMA(2019-2022)**

Nanjiah Lingammal Polytechnic College.  
Diploma in Mechanical engineering - 83%

#### **SSLC-2019**

SSVM Higher Secondary School - 70%

### ACHIEVEMENTS

#### **1)ICEAT 2024**

Presented a paper named Diagnosis of diabetes retinopathy using multimodel fusion approach organized by Malla Reddy College.

#### **2)BITS Pilani - 2023**

Top 10 in India for “Lung Cancer Prediction Using CNN” at the International Conference.

#### **3)ASTRA-2022**

1st Place & Best Paper Award for “Plant Disease Detection Using AI & ML” at the National Conference on Regenerative Agriculture.