

Sreehari J R

AI/ML Developer

shnvklm2004@gmail.com — +91 8304935971 — LinkedIn (sreehari-j-r-1b9b991ba) — GitHub (SreehariNvklm)
— Portfolio — Medium Blog (shnvklm2004)

ABOUT ME

Passionate AI/ML Developer with a strong grasp of modern ML advancements. Evolved from web development and game development to AI/ML with special focus on NLP, LLMs, Computer Vision tasks, and deploying real-world AI solutions.

SKILLS

Machine Learning

NLP, Computer Vision, Data Analysis, LLM Fine-Tuning, Gen AI, MLOps

Frameworks

TensorFlow, Flask, Streamlit, OpenCV

Tools

Git, Firebase, MongoDB

Languages

Python, HTML/CSS

EDUCATION

SCT College of Engineering
BTech CSE (AI & ML), CGPA: 8.94

2022–2026

Govt HSS Navaikulam
Higher Secondary, Score: 96.5%

–2022

CERTIFICATES

Python for Machine Learning & Data Science Masterclass
Jose Portilla, Udemy — Python, Pandas, NLP

FREE TensorFlow Keras Bootcamp
OpenCV University

PUBLICATIONS & BLOGS

1. Multi-Modal Oral Cancer Detection Using Weighted Ensemble Convolutional Neural Networks (arXiv 2510.03878)

The study aims to improve early detection of OSCC by developing a multimodal deep learning framework.

2. From Images to 3D: Building Im3D — A Depth Estimation Based Point Cloud and Mesh Generator

Blog on exploring the core technical know-how on image 3D reconstruction using monocular depth estimation.

EXPERIENCE

DiceMed

Mar-Jul 2025

Machine Learning Research Intern

- Worked with computer vision based tasks, deep learning models.
- Developed CNN models on multi-modal usecases for increased accuracies upto 90% on medical conditions.
- Served as corresponding author on research paper.

DEX AI Solutions

Apr-Jul 2024

Machine Learning Intern

- Worked with LLMs, prompt engineering, and neural networks.
- Developed chatbots and ML tools using modern tech stacks.

Insight Labs Corporation

May-Jun 2023

Flutter Developer Intern

- Built a complete Flutter-based hostel attendance management app.
- Conducted tech seminars for clients.

PROJECTS

Im3D - Image to 3D converter

Image to 3D point cloud and mesh generator using Midas depth estimation on images with Flask implementation.

EMMA SEO Tool

Webpage realtime SEO Analyzer with chatbot built using Gemini LLM, React frontend with Flask backend.

Image Augmentation Tool

Image augmentation tool using OpenCV and TensorFlow.

VERDICT AI

RAG-based search engine along with chatbot for open-sourced image case files with a good precision. Worked with OCR, RAG pipelines, etc.

ACHIEVEMENTS

Winner

Allianz Tech Championship 2024

Runners Up

InnovateX, 2025 Hackathon by Digital University of Kerala