

# Lohith HS

📍 Bangalore, India ✉ lohithhs14@gmail.com ☎ +91 8296389725 in LinkedIn 📄 GitHub 📁 Portfolio

## Profile

Results-driven AI/ML Engineer skilled in Python and end-to-end ML pipeline development — from data preprocessing and model training to deployment. Experienced in deep learning and NLP using TensorFlow and Scikit-learn. Passionate about building scalable, data-driven AI systems.

## Education

**Jawaharlal Nehru National College of Engineering (JNNCE), Shivamogga** *2023 – 2025*  
*B.E. in Computer Science and Engineering — CGPA: 8.53*

**Sahyadri Polytechnic, Thirthahalli** *2020 – 2023*  
*Diploma — 58%*

## Experience

**AI/ML Intern – Tekcogent Solutions Pvt. Ltd.** *Feb 2025 – May 2025*

- Built image-based automation pipelines using Python and Deep Learning.
- Trained CNN models using TensorFlow and OpenCV for face recognition.
- Developed a smart attendance system using FaceNet and YOLOv8. [more](#) [🔗](#)

**Data Science Intern – Ai Variant (Information Technology & Services)** *Jul 2025 – Oct 2025*

- Developed NLP-based sentiment analysis system for product reviews.
- Implemented preprocessing pipeline and trained an LGBM model (73% accuracy).
- Created Streamlit frontend and deployed backend using FastAPI. [more](#) [🔗](#)

## Projects

**Malicious Website Detection Using Machine Learning** *Random Forest, Decision Tree, Logistic Regression*

- Built a web threat classifier using supervised ML models to detect harmful URLs.
- Achieved 96% accuracy with feature-based URL classification.
- [GitHub](#) [🔗](#)

**Sentiment Analysis on Product Reviews** *NLP, Streamlit, FastAPI*

- Built an NLP model to classify reviews as Positive, Negative, or Neutral.
- Used TF-IDF and LGBM with FastAPI backend and Streamlit UI.
- [GitHub](#) [🔗](#)

**COVID-19 Detection from Chest X-ray Images** *CNN, TensorFlow, Keras, OpenCV*

- Built CNN model to classify X-rays into Normal, Pneumonia, and COVID-19.
- Achieved high precision using data augmentation and transfer learning.
- [GitHub](#) [🔗](#)

## Technical Skills

**Programming:** Python (Primary), SQL, C, C++ (Basic)

**Machine Learning:** Regression, Classification, Clustering (Scikit-learn, XGBoost, LightGBM)

**Deep Learning:** CNNs, Transfer Learning, TensorFlow, Keras, OpenCV

**NLP:** Text Preprocessing, Tokenization, TF-IDF, Sentiment Analysis

**MLOps:** Streamlit, Flask, FastAPI, MLflow, Docker

**Visualization:** Pandas, NumPy, Matplotlib, Seaborn

**Version Control:** Git, GitHub

## Certifications

- Supervised Machine Learning: Regression & Classification – DeepLearning.AI (Coursera) [view](#) [🔗](#)
- Complete Data Science, ML, DL & NLP Bootcamp – (Udemy) [view](#) [🔗](#)
- Image-based Attendance Tracking System – Tekcogent Solutions Pvt. Ltd. [view](#) [🔗](#)
- Sentiment Analysis System – Ai Variant Information Technology & Services [view](#) [🔗](#)