

# Sharukesh G

+91 95666 94371 / [sharuk25g@gmail.com](mailto:sharuk25g@gmail.com) / [linkedin.com/in/sharukesh-g-04518026a/](https://linkedin.com/in/sharukesh-g-04518026a/) / [github.com/Sharukg](https://github.com/Sharukg)

## EDUCATION

### Karpagam College of Engineering

*Bachelor of Technology in Artificial Intelligence and Data Science*

Coimbatore, TamilNadu

Nov. 2022 – April 2026

### Sri Sowdeswari Vidyalaya Matric Hr Sec School

*Math - Computer Science*

Coimbatore, TamilNadu

June 2020 – May 2022

## PROJECTS

### Layman-Friendly MRI, CT Reports Generator / Python, CV2, NLP, FastPI, React.js Dec. 2024 – Present

- Developed a full-stack web application using FastAPI for REST API and React.js for the frontend.
- Implemented computer vision for analyzing MRI and CT scan images.
- Used NLP to generate simplified and patient-friendly medical reports.
- Designed a dual-purpose system for easy patient understanding and efficient doctor interpretation.

### Whatsapp Chat Sentimental Analyer / Python, NLP, RNN, GitHub Feb. 2024 – June 2024

- Designed and implemented an AI model using Python frameworks to analyze WhatsApp chat data for sentiment and activity insights.
- Conducted data preprocessing and user engagement mapping to ensure accurate analysis.
- Performed user-centric analysis to understand chat dynamics and sentiment trends.
- Created rich visualizations to effectively present sentiment and activity insights.

### Glass Identification System / Python, Django, HTML, CSS, Git, Github, Docker, Streamlit Dec. 2023

- Developed an MLOps system for glass identification using Python.
- Integrated a Django backend for managing model logic and input features.
- Predicted glass type based on input features.
- Deployed the system using Streamlit for frontend interaction and HTML/CSS for the web interface.
- Containerized the application using Docker and pushed it to a GitHub repository.

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, HTML/CSS, R.

**Frameworks:** OpenCV, Keras, React, FastAPI, Django, Streamlit, Tensorflow, Scikit-Learn, PyTorch, Apache Spark.

**Developer Tools:** Git, Docker, VS Code, Colab, Jenkins, MongoDB, Tableau, Hadoop.

**Libraries:** pandas, NumPy, Matplotlib, NLTK.

## SOFT SKILLS

Communication, Time Management, Work Ethics, Critical Thinking, Leadership, Customer-Centric Approach.

## OTHERS

- Big Data Computing Certification (**NPTEL**, 2024)
- Qlik Sense Business Analyst Qualification 2024 Badge (**Qlik**, 2024)
- Attended workshops in the domain of Artificial Intelligence.

## LANGUAGE

English, Tamil.