

# RAGUL A S

[ragulpavizham@gmail.com](mailto:ragulpavizham@gmail.com) | +91 7708179699  
[linkedin-Ragul A S](https://www.linkedin.com/in-Ragul A S) | [github.com/RagulGit13](https://github.com/RagulGit13)

## PROFESSIONAL SUMMARY

Aspiring Data Science and AI professional with hands-on experience in machine learning, automation, and devops. Adept at utilizing Python, TensorFlow, and Keras to develop efficient solutions for real-world challenges. Excited to contribute to innovative projects that optimize workflows and enhance customer experiences.

## SKILLS

**Programming:** Python, Java, TensorFlow, OpenCV, Scikit-Learn, HTML, CSS, SQL

**Cloud & Infrastructure:** Docker, Git, Github

**Automation & Tools:** Python scripting, CI/CD pipelines, DevOps basics

**Data Analytics & Visualization:** Machine Learning, Regression Analysis, Natural Language Processing, Tableau, RStudio.

**Other:** Strong Written and Verbal Communication, Leadership, Time Management , Problem Solving

## PROJECTS

### Layman Report Generation of MRI, CT Scan Reports

DEC – 2024

- Developed a project that generates layman reports of MRI, CT scan reports that is easier and faster to interpret for the doctors and with understandable terms for common human.
- Integrated the natural language processing with computer vision and mediapipe to generate report interpreting the images of reports.

### Gym Trainer Application

JUNE - 2024

- Built an application on detecting body points and analyzing the workout positions .
- Utilized Python, TensorFlow, Computer Vision and Mediapipe for image preprocessing and feature extraction. Used HTML and CSS for Frontend Development and Django for Backend processing.

### Salary Prediction System

AUG - 2023

- Designed and implemented a salary prediction web application integrating a user-friendly HTML/CSS front-end with a Django-powered back-end.  
Employed machine learning algorithms for accurate salary predictions based on user input features such as degree, experience, age, skills, and technology expertise for real-time salary prediction.

## EDUCATION

### Karpagam College of Engineering, Coimbatore

B.Tech in Artificial Intelligence and Data Science

2022 - 2026

Relevant Coursework: Machine Learning, Data Structures, Algorithms.

CGPA: 8.0

### BVB Matriculation Higher Secondary School, Erode

Maths – Computer science

2020 – 2022

77%

## CERTIFICATIONS

- Data Analytics with Python (NPTEL, 2024)
- Big Data Computing (NPTEL, 2024)
- Qlik Sense Business Analyst Qualification 2024 Badge (Qlik, 2024)

## LANGUAGES

- English, Tamil, Hindi