

R SAGAR SHRESTI

Belagavi, Karnataka

+91-9380585592 | sagar18reshmi@gmail.com | linkedin.com/in/sagar-shresti-976484280 | github.com/Sagarshresti18

OBJECTIVE

AI/ML enthusiast with hands-on experience in building intelligent web applications and deploying machine learning models. Seeking to leverage technical expertise in Python, ML frameworks, and data-driven solutions in a dynamic, innovation-focused environment.

EDUCATION

Angadi institute of technology and management
B.E- Computer Science And Engineering CGPA - 7.48

2022 – Pursuing
Belagavi, India

KLE PU College, Gangavathi
Pre-University - Percentage - 83.50%

2020–2022
Gangavathi, India

Janata seva english medium High School, Gangavathi
SSLC - Percentage - 90.24%

2020
Gangavathi, India

TECHNICAL SKILLS

- **Programming Languages :** Python, C, Java
- **Frameworks and Libraries :** Flask, Pandas, Matplotlib, Seaborn, NumPy, Scikit-learn
- **Web Technologies :** HTML, CSS
- **Databases :** MySQL, NoSQL(MongoDB)
- **Version Control :** Git, GitHub
- **Cloud Platforms :** AWS (AWS Academy Cloud Foundations)
- **Other Relevant Skills :** Machine Learning

PROJECTS

Driver Drowsiness Detector System ↗

- Developed a **real-time driver drowsiness detection system** using **computer vision** techniques to monitor facial landmarks and detect signs of fatigue. Implemented algorithms to calculate the **Eye Aspect Ratio (EAR)** for identifying abnormal blink patterns. Integrated real-time video stream processing and facial landmark tracking to trigger automated alerts, improving road safety and driver awareness.
- Tech Stack: Python, OpenCV, dlib, Pygame, scipy

Chronic Kidney Disease Detection Using Machine Learning ↗

- Designed and developed a **Chronic kidney disease detection system** using supervised machine learning. Achieved **97% accuracy** with Random Forest algorithm, Developed a Flask-based Web App for real-time prediction, enabling accessible diagnostic support and improving healthcare decision making.
- Tech Stack: Python, Pandas, Scikit-learn, NumPy, Matplotlib, Seaborn

Certificates

- Python Course Updated - 2025 (GeeksforGeeks)
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate (Oracle University)
- AWS Academy Graduate- AWS Academy Cloud Foundations

CO-CURRICULAR & EXTRACURRICULAR ACTIVITIES

- Participated in Hackfinity organised by TCE(2025)
- Competed in National level hackathon held in BECB(2024)
- Participated in Vencer-National level Techno cultural event at AITM