

R SAGAR SHRESTI

Belagavi, Karnataka

+91-9380585592 | sagar18reshmi@gmail.com | [linkedin.com/in/sagar-shresti-976484280](https://www.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 **2022 – Pursuing**
B.E- Computer Science And Engineering CGPA - 7.48 *Belagavi, India*

KLE PU College, Gangavathi **2020–2022**
Pre-University - Percentage - 83.50% *Gangavathi, India*

Janata seva english medium High School, Gangavathi **2020**
SSLC - Percentage - 90.24% *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 Hackfinito organised by TCE(2025)
- Competed in National level hackathon held in BECB(2024)
- Participated in Vencer-National level Techno cultural event at AITM