




SAGAR SUBHAS SHEGUNASHI

Portfolio:  <https://sagarss2664.github.io/My-Portfolio>

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EDUCATION

KLE Technological University Hubli <i>B.E- Computer Science And Engineering</i> CGPA - 8.69	2022 – 2026 Hubli, India
SRA COMP PU College, Banahatti <i>Pre-University - Percentage - 96.00%</i>	2022 Bagalkot, India
SRA High School, Banahatti <i>SSLC - Percentage - 93.12%</i>	2020 Bagalkot, India




TECHNICAL SKILLS

Programming Languages: C/C++, Python, Java (Basics)
Developer Tools: HTML, CSS, Javascript, Git, Github, Render
Frameworks: Node.js, Express.js, React.js, React Native (Basics)
Databases: MySQL, MongoDB
Soft Skills: Leadership, Problem-solving, Time Management, Teamwork

PROJECTS

- 1. Real-Time Sign Language Gesture Recognition with Facial Expression Integration** [GitHub]
 - Designed and implemented a real-time system combining sign language gesture recognition using CNN-LSTM (MobileNetV2) and facial emotion detection using DeepFace.
 - Achieved 92% accuracy on the Small WLASL dataset; system enhances communication for the deaf and hard-of-hearing.
 - Tech Stack: Python, TensorFlow, Keras, OpenCV, DeepFace.
 - Accepted and published in the Proceedings of CRM 2025 (Volume 2), organized by SR University, Warangal. [Certificate]
- 2. Apartment Management System (Web + Mobile App)** [link]
 - Developed using React, Node.js, Express, MongoDB, and React Native (TypeScript)
 - Features: Maintenance bill tracking, vehicle search, visitor/employee management
 - In production use by clients since January 2025
 - Commercialized through our startup **ApartmentPro** [Website]
- 3. Segmentation and Classification of 3D Point Cloud Data Using RANSAC and Geometric Features** [Link]
 - Implemented RANSAC, DBSCAN, and geometric analysis on KITTI-360 dataset (55% efficiency). Applied to autonomous vehicles and urban planning.

ACHIEVEMENTS

- **Qualified to Round 2 of Ingenium 2025 (Quest Global)** – A prestigious national-level engineering competition recognizing innovative solutions in technology. Selected for idea submission round for the proposal **“Finding the Criminal by his Gait Feature Analysis”**. [Demo Video]
- Solved 150+ DSA problems across multiple platforms:  LeetCode,  HackerRank,  Coding Ninjas.
- Awarded the **Seva Prerak Award** by **Youth for Seva** for completing **300+ hours** of volunteering, including painting government schools and teaching students for the NMMS exam.[Certificate]

EXTRACURRICULAR ACTIVITIES

- Volunteered with **Youth For Seva Organization**, leading school painting and cleaning initiatives.
- Conducted **NMMS training** for government school students in rural communities.