

# S Kartic

+917717746908 | [skarticsinha@gmail.com](mailto:skarticsinha@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | Bhubaneswar, India

## Summary

B. Tech final year student majoring in Computer Science with a strong interest in robotics, drone technologies, and web development. Proficient in robotics engineering and web development, with hands-on experience in building autonomous robotic systems and maintaining websites for clients. Seeking a challenging role to apply my skills and contribute to innovative projects.

## Skills Summary

- **Robotics:** ROS, Gazebo, Fusion 360, URDF, PID Control, SLAM, Path Planning
- **Hardware and Electronics:** Raspberry Pi, STM32, Arduino, Sensor Integration (LIDAR, IMU, GPS, Camera)
- **Programming Languages:** C/C++, Python, Java
- **Web Technologies:** HTML, CSS, JavaScript, TypeScript, Bootstrap, Tailwind CSS, React, Node.js
- **Database Management:** MySQL, MongoDB, Convex
- **Tools and Platforms:** Git, GitHub, Linux (Debian)

## Projects

### Full Stack Todo list Application

04/2024 - Present

- Developing a to-do list app with Google Sign-In, and Convex.

### Robotic Arm

May 2024

- Designed and simulated a 6DOF arm using ROS, C++ and URDF models.

### Autonomous Pick and Place Robot

May 2023 - November 2023

- Developed an autonomous pick-and-place robot for industrial warehouse tasks, Utilizing ROS, Raspberry Pi 4 and STM32.

### Freelance Web Development

- TCFC: Revamped HTML site with a bespoke CMS, crafted from scratch. | [Website Link](#)
- Auxesia Life Sciences: Improved site traffic and e-commerce functionality. | [Website Link](#)

## Education

### Bachelor of Technology - Computer Science and Engineering

CGPA: 8.0

C.V. Raman Global University | Bhubaneswar, Odisha | 07/2025

## Achievements

### Odisha Skills Finalist - 2024

Autonomous Mobile Robotics

## Certifications

### Oracle Generative AI Professional (1Z0-1127-24) | [Link](#)

22 July 2024

### Self-Driving Cars Specialization (University of Toronto) | [Link](#)

12 Dec 2023