

Varshini GC

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Kolar, Karnataka - 563132

Education

Course	Institute	Year of Pass-out	Percentage
10th	Shri Sri Vidya High School	2019	91
PUC	Amara Jyothi PU College - Mulbagal	2021	91
Bachelor's of Engineering (Ongoing)	JSS Academy Of Technical Education, Benagluru	2026	86 (Current)

Objective

As an assistant manager, my primary objective is to support the functioning of business operations by managing staff, coordinating operations, and ensuring exceptional customer service. I aim to create a positive and productive work environment by communicating with team members, setting clear goals, and monitoring performance.

Key Skills

Programming (C, Python, Arduino)
AutoDesk Fusion 360
SolidWorks (Catia)
MATLAB

3D-Printing (Wipro 3D F300-2)
RoboDK
ROS
Delmia

Projects

- **Obstacle Avoidance Robot**

A mobile robot that uses sensors (i.e. ultrasonic) to detect and avoid obstacles in its path, altering its trajectory for smooth navigation.

- **Line Follower Robot**

An autonomous robot programmed to follow a specific path or track, using sensors to detect and respond to line contrasts for precise movement.

- **Autonomous Mobile Robot**

A self-navigating robot equipped with advanced sensors (Ultrasonic, IMU, Encoder motors) and algorithms for real-time mapping, localization, and task execution without human intervention using Robot Operating System (ROS)

Communication Kannada, English, Telugu, Hindi

Leadership

Successfully led teams in both academics and sports during school, organized events and programs at schools and hostels, and effectively managed project teams to achieve goals.

References

Available upon request.
