

SHRIJIT V

Robotics and Automation Engineer

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EDUCATION

High School Education

T D HIGH SCHOOL | 2018 - 92%

Certificate in Higher Secondary Education

St.Sebastian's HSS | 2020 - 89%

B.Tech in Robotics and Automation

Toc H Institute of Science and
Technology | 2024 - 73%

SOFT SKILLS

Problem-Solving, Team Work,
Adaptability, Time Management

TECHNICAL SKILLS

ROS, PLC, Matlab, Solidworks,
Arduino, RPA

PROJECTS

Proximity Detection System

Used basic sensors to detect objects
based on proximity and generate noise
within range.

Automated Class Assist

Built an automated mobile robot
capable of obstacle avoidance and
path-following algorithms.

Nourish Guard

Developed an automated pet feeder
that can feed pets without human
intervention

SUMMARY

As a B.Tech graduate in Robotics and Automation, I aim to leverage my skills in robotics, AI, and machine learning to develop intelligent systems that enhance efficiency and quality of life. With hands-on experience in automated navigation and pet feeder projects, I am eager to contribute to innovative robotics solutions and am open to continuous learning and training in this domain.

TRAINING / COURSES

Robotics Internship with VERZEO | 2022 (1 Month)

1. Developed robotic systems using microcontrollers and Arduino
2. Gained practical experience in electronic circuitry, sensors, motors, and controllers
3. Completed various projects using Tinkercad

Bosch Rexroth Group Training Program 2023 (1 Week)

1. Learned PLC programming and industrial automation fundamentals
2. Designed basic automation circuits
3. Programmed PLCs for process control

EXPERIENCE

Training Intern (3 -Months)

QuGates | Nov 2024 - Feb 2025

📍 Bangalore, India

- Designed 3D models using SolidWorks
- Assisted in 3D printing components and assembling robotic parts
- Contributed to testing robotic movement and functionality in real-world industrial setups

LANGUAGES

English

Hindi

Konkani

Malayalam

Tamil