

# Deeksha G

## Robotics and Automation Engineering

+91 7795752610 @ deekshgirish@gmail.com https://github.com/Deeksha2604  
Bengaluru, Karnataka linkedin- https://www.linkedin.com/in/deeksha-girish-951320289

### SUMMARY

Motivated Robotics and Automation Engineering student with practical skills in 3D modeling, Python, and a solid academic foundation in Additive Manufacturing and robotics systems. Eager to apply design and automation skills in real-world R&D environments. Passionate about robotics, automation, and innovative design, with a commitment to learning and contributing to real-world engineering projects.

### EXPERIENCE

#### Engineering Student

##### JSS Academy of Technical Education

2022 - 2026 Bengaluru, Karnataka

Worked on various engineering projects, honing my technical and problem-solving skills.

- Designed and developed an autonomous robot capable of detecting and avoiding obstacles.
- Programmed the robot using Arduino for real-time sensor data processing and movement control.
- Designed and built a maze solving robot to participate in the Technoxian, world robotics championship.
- Developed a functional inventory management system using Python to track stock levels, manage product entries, and generate reports. Implemented features like item addition/removal, search functionality, low-stock alerts, and data storage using file handling.
- Designed and implemented a simulated ATM interface using Python with features like user authentication, balance inquiry, cash withdrawal/deposit, and mini statement generation.

### EDUCATION

#### B.E in Robotics and Automation Engineering

2022 - 2026

JSS Academy of Technical Education, Bengaluru  
CGPA: 8.96

#### Higher Secondary Education

2020 - 2022

The National College [PUC], Jayanagar  
Total Marks: 526/600

#### Secondary Education

2010 - 2020

Sri Nirvanaswamy Public School [CBSE],  
Kanakapura  
Total Marks: 375/500

### LANGUAGES

English  
Native



Kannada  
Native



### STRENGTHS

- Problem Solving**  
Excellent at troubleshooting and remediation
- Technical Proficiency**  
Proficient in Python

### SKILLS

- Python C HTML
- 3D CAD(Fusion 360 and AutoCAD)
- Additive Manufacturing

### KEY ACHIEVEMENTS

- Internship**  
Completed "Python Programming" internship on Brainwave Matrix Solutions
- Autonomous Robot Project**  
Developed an obstacle-avoidance robot
- Robotics competition**  
Participated in **Technoxian Robotics Competition**, a prestigious world robotics championship. Represented JSSATEB in 2023, showcasing skills in robot design, programming, and teamwork.
- Certification**  
Successfully completed NPTEL course **Introduction to Robotics** by Indian Institute of Technology Kharagpur, earning a certificate – Jul-Sep,2024.