



Jayakrishnan P U

Robotics and Automation Engineer

An enthusiastic fresher with highly motivated and leadership skills currently pursuing B. Tech Robotics and Automation (CGPA 8.01). Looking for an organization where I can expand my knowledge and use what I've learned to give my best to the organization.



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SKILLS

C++ C ROS

PLC IoT CAD

RoboGuide(Fanuc)

RobotStudio(ABB)

Creative Thinking

Outcome - Focused
Leader

LANGUAGES

English
Professional Working Proficiency

Malayalam
Native

INTERESTS

Robotics

Designing

EDUCATION

B.Tech Robotics and Automation Toc H Institute of Science and technology

07/2019 - Present

CGPA 8.01

Class 12th Sree Narayana Public School, Poothotta

05/2018 - 04/2019

Aggregate: 76.35%

Class 10th Sree Narayana Public School, Poothotta

06/2016 - 04/2017

CGPA 9.4

PROJECTS

File-Bot (05/2022 - 08/2022)

- The main goal of this project is to employ a robot to deliver files from one workstation to another in a normal office setting. The robot is controlled by an Arduino Mega2560 with an embedded ESP8266 wi-fi module, it also includes RFID, an IR sensor array, and an ultrasonic sensor.

Echo (08/2021 - 11/2021)

- The goal of our project was to create a low-cost Augmentative and Alternative Communication(AAC) Device. Our team began working on this project as part of a competition sponsored by the National Institute of Speech and Hearing (NISH), for which we were selected to compete in the final round.
- **Role :** Hardware.

INTERNSHIPS AND TRAININGS

Robotics Intern at Trizlabz (09/2021 - Present)

Developing a Path Planning Algorithm for an indoor Autonomous Mobile Robot(AMR)

Robot Programming Training at Fanuc India, Bangalore (12/2021 - 12/2021)

Worked on industry robots.

Robot Programming Course at Fanuc India (Online) (11/2021 - 12/2021)

Learned RoboGuide Software which is an offline programming robot simulation software on the market for FANUC robots.

Training Programme on Industrial Automation and PLC at Bosch Rexroth - GPTCK (09/2022 - 10/2022)

Worked on industrial PLCs, Bosch Rexroth hydraulic and pneumatic systems.

EXTRA CURRICULAR INITIATIVES

Digital Skills Facilitator at Tinkerhub Foundation (02/2022 - 06/2022)

Created a course structure and rudimentary course on Figma Software.

Design Lead, IEEE Student Branch Toc H (01/2022 - Present)

Student member at Robotics Society of India (10/2021 - Present)