

JINESH KARTHICK



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SUMMARY

Dedicated and motivated Mechatronics engineer with a strong foundation in ROS 2, automation, and embedded systems. Passionate about developing autonomous robotic solutions, integrating LiDAR, differential drive systems, and obstacle detection. Experienced in Raspberry Pi-based automation, servo motor control, and UI development. Currently expanding expertise in ROS 2 Jazzy, aiming to contribute to cutting-edge robotics research and secure an internship in the field.

EDUCATION

Bachelor of Engineering ,
Mechatronics Engineering
Bannari Amman Institute of Technology
CGPA : 6.9
2023-2027 Sathyamangalam

LANGUAGES

English Tamil
Native Native

SKILLS

- LIDAR OPERATIONAL ENGINEER OBJECT DETECTION
- COMPUTER VISION AI PROMPT SPECIALIST
- ROS DESIGNER GOOGLE SPREADSHEETS
- PCB DESIGNER

Declaration

I declare that the information presented in this resume is true and accurate to the best of my knowledge.

DATE : 26-03-2025

SIGNATURE :

KEY ACHIEVEMENTS

AAKRUTI- 2024 Finalist
Led AAKRUTI finals where i have worked in trash cleaning bot using LIDAR and ROS
16/11/2024 pune

ABISARGHA 2024 WINNER
Where I've made a PCB board where UNIVERSAL DRIVER BOARD
03/03/2024 SRI CITY

PROJECTS

Working on Raspberry Pi automation, a Bluetooth audio app, a ROS 2 autonomous robot, a research paper, and preparing for a ROS internship.

COURSES

NPTEL 56% in computer intergerted manufacturing CIM.
COURSERA - Strated with Asure Devops Boards