

Manjunath B L

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Internship

Trainee

September 2022 - July 2023

Toyotetsu India Pvt. Ltd., Bangalore, Karnataka

Responsibilities: Robot programming, Report making

Education

Bachelor of Engineering (Information Science)

2023 - 2026

BMS Institute of Technology and Management, Bangalore, Karnataka

CGPA: 8.13

Diploma in Mechatronics

2019 - 2023

Government Tool Room and Training Centre, Bangalore, Karnataka

Percentage: 85.08%

Adarsha Vidyalaya, Gauribidanur, Karnataka

2019

Percentage: 80.96%

Projects

1. Travel and Tourism Management System

Technologies Used: Java, SQL, JavaScript

- Implemented 100% frontend features using Java.
- Managed backend database operations with SQL.
- Integrated dynamic functionalities using JavaScript.

2. Robot Welding Operation

Technologies Used: PLC, HMI, Pneumatic Systems

- Designed and implemented a robotic welding cell integrating pneumatic, electrical, and cooling systems for industrial welding tasks.
 - Programmed robotic arm movements and weld sequences with industrial safety standards.
 - Integrated spot and arc welding modules, including automated torch cleaner.
 - Configured real-time sensor systems (e.g., proximity sensors) for fault detection and ensured robust communication with HMI and PLC controller.
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Skills

- **Programming Languages:** Java (Object-Oriented Programming, Eclipse), JavaScript, HTML & CSS (Programming)
 - **Tools & Technologies:** SQL for relational database management, HTML for frontend development.
 - **Soft Skills:** Problem-solving, Attention to detail, Time management, Teamwork, Communication.
 - **Courses:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks.
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Achievements

- **NPTEL Courses:**
 - Leadership and Team Effectiveness
 - Business Ethics
- **Ethical Hacking Workshop:** Obtained offline in 2023 from BMSIT&M
- **BMSIT&M ECO CLUB:** Team Coordinator
- **NGO Bharavase:** Team Member
- **Rotaract club of BMS:** Team member