

# UNIVERSITY OF MORATUWA

Faculty of Engineering



Registered Module No: EN3992

## **INDUSTRIAL TRAINING REPORT**

LE Robotics (Pvt.) Ltd.

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# Preface

This report was composed as a partial fulfillment of the requirements of the Module EN3992 - Industrial Training, in the curriculum of B.Sc. in Engineering (Electronic and Telecommunication) at the University of Moratuwa, Sri Lanka. The experience and knowledge that I gained during the six months of my industrial training were used and were the inspiration to create this report.

# Acknowledgment

I would like to gratefully acknowledge all of the people who helped me to make this six months of special industrial training period a massive success, starting from the point of applying to a company to the point I left the training organization at the completion of six months.

First of all I would like to express my heartfelt gratitude to Professor Kapila Jayasinghe who was the supervisor for us throughout the six months of internship period. The advice he provided us with regard to professional engineering practice and ethics were invaluable. In addition to that the directions he provided us to gain the required technical skills required to the allocated project were priceless.

Next I would like to express my gratitude towards Miss. Laknie Jayasinghe who was the Engineer in-charge of us in our training period. The support she provided us to improve our soft skills as well as technical skills as a professional engineer, is highly appreciated.

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*\*PDF is clickable*

# List of Abbreviations

**OOP** Object Oriented Programming

**RPi** Raspberry Pi

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# Chapter 1

## Description of the organization and business, its past, present and future

Use of acronyms:

I have use Object Oriented Programming (OOP ) here. OOP is very power full. Raspberry Pi (RPi) is a single board computer.



## **Chapter 2**

### **Description of familiarization work carried out**

## **Chapter 3**

### **Exposure to systems (HSE, Financial, Administration, Logistics, etc.)**

## **Chapter 4**

### **Project Work**

## **Chapter 5**

### **Hands on experiences**

## **Chapter 6**

# **Soft Skills Development**

## **Chapter 7**

# **SWOT Analysis of the organization and self**

## **Chapter 8**

**Conclusion: Own perspective of areas to be improved (of the whole training process including self)**

# **Appendices**



# **Appendix A**

## **Guidelines**

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