

# **B.ILAMURUGAN**

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## **OBJECTIVE**

Have Good exposure in control of Electrical machines and Motors, Embedded Design System Development and Debugging, Circuit designing and Fault analysis. Aiming to use my proven customer service support, and after sales skills to fill effectively Technical position in the company.

## **EXPERIENCE SUMMARY**

### **October 2014 to Till Now**

**Company : Al Borj Machinery LLC. Sharjah, United Arab Emirates**  
**Suppliers : Gerber Scientific USA, Epson Europe, Miller USA**  
**Clients : Under Armor, North Face, Wall Mart, Nike**  
**Role : Sales Service Support Engineer**

### **Work Summary**

- After Sales: Installation, Service and Training for Gerber Garment Machines such as Automatic Cutter, Spreader, Plotter, Epson Textile Direct Garment Printer, Miller Fabric welding machine and Accumark Garment Designing Software.
- Service and Support: Spares sales on enquiries and support for the service and training. Additionally generate enquiries for the existing and new customers as per the requirements and handling the supportive office documentation.

### **January 2011 to May 2014**

**Company : Wiztech Automation Solution Pvt Ltd, Chennai**  
**Role : Embedded Program Developer**

### **Work Summary**

- Embedded coding in Assembly C, Embedded C, C++ by various tools and platforms like Keil 3, Keil 4, AVR Studio, Code vision, PIC C Programming IDE, Proteus 7 simulator.
- Interfacing of LCD, Keypad, RS232, EEPROM, RTC, I2C, SPI, RS-232, Driver circuits, GPS receiver, Sensors, Motors, 7-segment LED, Atmel 805x, PIC controllers, Hardware Circuit Design.

### **August 2010 to December 2010**

**Company: Schneider Electric, Chennai**  
**Client: Barclays, Chennai**  
**Role: BMS Operator**

### **Work Summary**

- Controlling and monitoring the building security systems like Fire alarms, PA system, Door access system, AHU, CCTV system monitor, Access card pass authentication.
- Fire drill, PA system checking, CCTV backup, Access card Log backup, Maintain temperature in the server room and hub room, overall floor temperature and the lighting power control.

## TRAINING

- **Salem Steel Plant, Salem.** April-2006 – Overall Machines operations and power control maintenance by power factor method in HRM and CRM plant.
- **Mettur Thermal Power Station, Mettur Dam.** June-2008 – Power generation by thermal energy, power distribution, controlling of the power to the plant and devices in the substation.
- **Accumark Garment Design Software in Manchester, United Kingdom.** June-2017 – Pattern Designing and 3D features, Garment design making and its options.

## EDUCATION

| COURSE  | INSTITUTION  | UNIVERSITY               | YEAR OF PASSING |
|---|--|--------------------------|-----------------|
| Bachelor of Engineering, Electrical and Electronics | BannariAmman Institute of Technology, Sathyamangalam | Anna University, Chennai | April 2010      |
| Diploma in Electrical and Electronics               | KSR Polytechnic College, Erode                       | DOTTE, Chennai           | April 2007      |

## ACHIEVEMENTS

- Install the complex machines with in the time line.
- Jobs done on time to achieve customer satisfaction.

## SKILLS

- Hardware Circuit Design.
- Basics in programming logic controller [PLC] and SCADA.
- System basic troubleshooting, Networking and usage.
- Machine fault analysis, Upgrades the system.
- PCB Circuit designing.

## EXTRA CURRICULAR

- Organize Electrical and Electronics Engineering department Guest lectures, “FUTURA” a national level technical symposium conducted by BannariAmman Institute of Technology college.
- Presented paper on renewable energy sources. In Thiru Seven Hills Polytechnic College, Chennai, on February 2007.
- Presented paper on wind energy. In E-SURGE-09 Bharathiyar College of Engineering and Technology, Karaikal, on October 2009.
- Presented paper on solar energy using nanotechnology. In IMPULSE-09 Anna University, Coimbatore, on November 2009.

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