Edwin Davis. Project Engineer

**Mobile:** +971 - 544998079 **Email:** im.edwindavis@gmail.com

Career Objective

To pursue a highly rewarding career, challenging and healthy work environment where I can utilize my skills and knowledge efficiently for organizational growth

Profile

Having 2 years of experience as a role of project Engineer in design, development & unit testing of embedded application development on different platforms, which includes 1.5 year of experience on Medical domain,proficient in medical devices development and its standards and 6 months of experience on automotive – infotainment development at Wipro Technologies, Bangalore & Kochi.

Have good experience :

* + Core areas of skills are electrical design , R&D & embedded testing.
  + Both practical as well as theoretical knowledge in electrical design, drafting.
  + Working more efficiently and productively so as to produce maximum output.
  + Hands on experience in various phases of DLC such as Analysis & Testing.

Education

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| --- | --- | --- | --- |
| **Degree** | **Board/University** | **Percentage** | **Year of passing** |
| **B.Tech [ Electrical & Electronics ]** | IES Engineering College, Thrissur | 76.6 % | Apr-2014 |
| **Intermediate** | Nirmala Matha Central School, Thrissur, Kerala | 79.6 % | May-2010 |
| **SSC** | Nirmala Matha Central School, Thrissur, Kerala | 81.8 % | May-2008 |

**Training Course Detail:-**

Institute Name : National Institute of Electronics and Information Technology, Calicut, Kerala

Training title : PG Diploma in Embedded System

Duration : 6 months.

Experience

**Projects:**

**Title:** Electrical design of G+5 floors residential apartment

**Client: Dhanush Engg services**

**Description:**

* + - * Calculation of Transformer & DG set rating and designing of HT/LT cables, bus-bars, light fixtures, CB’s,distribution boards, earthing, sockets, A/C load & capacitor banks
      * Load calculations and designing of HT/LT cables, bus-bars, light fixtures, CB’s, sockets, A/C load

**System design**:

* Estimation of total load and deciding voltage level.
* Selection of Transformer/DG capacity and number with necessary metering & protection.
* Selection of load center location & captive power generation station.
* Segregation of estimated maximum demand into individual load centers.
* Preparation of detailed schematic main single line diagram.
* Calculation of Short Circuit Current & Voltage Drop at each level of distribution.
* Selection of HT & LT switchgear based on breaking, making & short time capacity.
* Selection of HT & LT cables based on thermal, short circuit & voltage drop values.
* Preparation of sectional drawings of HT & LT switches board and bus-bar sizing.
* Design of earthing based on max fault current & design of lightning protection system.
* Preparation of building plan & Equipment layout:
* Point of Supply and Cable Trench layout.
* DG & Main LT electrical room layout.
* Earthing scheme & earthing layout.
* Lighting, Power & UPS layout with distribution scheme.
* Co-ordinated Cable tray & raceways layout with detailed sections.
* Load balancing & Preparation of bill of quantity(BOQ)

Company 1

Jan 2015 – Jan 2017

**Wipro Technologies**

**Project 1 Details:-**

**Name:**Mazda (Japan based Company)

**Client: Visteon**

**Platform**:  Bluetooth

**Hardware**: CMU – Freescale i.MX applications processor

**Description:**

* Bluetooth – In Bluetooth, deals with 4 modules mainly Bluetooth hands-free, Bluetooth connection application, BTMUSIC, pairing application. Bluetooth supported features and specially used features in JCI car kit profiles are detailed

**Role and Contribution:**

* Analysis of requirements, design and development of Bluetooth modules.
* Worked on several Bluetooth SCR’s.
* Experience on the Car Play feature for the CMU project.

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**Project 2 :-**

**Name: ForceTriad**

**Client: Medtronic** (US based company)

**Platform**:  Medical Devices

**Description:**

* ForceTriad - Energy platform is a full-featured electrosurgical system, which provides electrosurgical cutting and coagulation, bipolar functionality and vessel sealing in a single generator. RF generator uses different power modes and is compatible with conventional electrosurgical instruments.

**Role and Contribution:**

* Analysis of Requirements, design and development of ForceTriad modules.
* Implemented the new support for the changes and bugs related to the device.
* Experienced on upgrading the new support for latest accessories in the device.
* Experienced in adding the USB feature support in the device.

**Industrial Training:**

* + - * Visited Bramapuram diesel power plant unit, Ernakulam for 6 Days
      * Visited Shalom private electrical industry for 4 days.

Skills

Tools : AutoCad , Electrical-Cad ,Electrical design, DIALUX

Project Domain : Automotive, Medical

Academic Achievements

Won first prize in State level Mime and third prize in District level.

Represented & won prizes for badminton and soccer in corporate company level & college level competitions.

Personal Information

Name : Edwin Davis

Date of Birth : 18 Jan 1992

Passport Number : L7524505

Visa Status : Visit

Language : English, Malayalam

Sex : Male

Permanent Address : Kanjiraparambil House

Kottekad Po Kuttur

Thrissur, Kerala

India

I , Edwin Davis hear by declare that all the information I have given above is true as per my documents.

Edwin Davis