

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

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.

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 hereby declare that all the information I have given above is true as per my documents.

Edwin Davis

