**First Name of Application CV No 1680066**

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**CAREER OBJECTIVE**

Looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills, and helps me in broadening and enhancing my current skill and knowledge.

**SUMMARY**

* **Completed PG Diploma in Embedded Real-Time Systems at NIELIT, Calicut**
* Embedded Linux, RTOS, Porting on ARM, IoT
* Proficient in Embedded Systems development using 8/16/32 bit Microcontrollers
* Good in Proteus Simulation Software
* Possesses excellent analytical, logical & reasoning skills with good communication and interpersonal relations.

**COMPETENCIES**



**Electronics:**

* Semiconductor devices: diode, BJT, MOSFET, Op-Amp
* Basic electronic circuits: clipper, clamper, amplifier, rectifier, oscillator
* Analog and Digital modulation schemes

**Technical:**

* Embedded Systems: Embedded C, Product development, Python
* Embedded Linux: Linux Internals, Kernel Module Programming
* Microcontrollers: PIC, ARM Cortex M3, Intel Galileo gen 2
* Peripheral Devices: Sensors, GSM, GPS
* Software: MPLAB, KeiluVision 4, Proteus Simulation, VM Ware,

Arduino IDE, Tornado II

* RTOS: RTLinux, VxWorks
* Porting on ARM

**Functional:**

* System Architecture of Embedded OS – Threading Concepts, IPC
* Designing, developing, debugging Embedded system projects
* Managing & providing technical guidance/support to the project team

**PROJECTS**

* 3D Wireless Mouse(LPC1768, MPU6050 , HC-05 Bluetooth module)
* Wireless Black box Using MEMS Accelerometer(PIC 16F877A, GPS, GSM, accelerometer, sensors)
* Device Control Using Remote Control

**SEMINAR**

* A Wireless Emergency Tele-Medicine System

**INDUSTRIAL VISIT**

1. Five Days Industrial Training at Keltron Industrial Ltd**,** Calicu**t**
2. Doordarshan , Ernakulam

**HIGHLIGHTS**

* Participated in ‘**Internet of Things’** Workshop at official zonal center **NIT Calicut** conducted from 30-10-2015 to 31-10-2015 organized by **ARK Technosolutions & Robokart.com** in association with **AMALGAM**, **IIT Madras**.
* Won zonal round of **National Robotics Championship India** with the position of II nd at NIT Calicut and selected for grand finale at IIT Madras.

**EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS**

* House captain at school level
* Won Rashtrapathi Puraskar (Scout & Guide)
* Actively Participated and won prices in various cultural activities for Inter School Fest

**ACADEMIC CERDENTIALS**



2015 **PG Diploma in Embedded Real-Time Systems** at NIELIT,Calicut , Secured **80%.**

2013 **B.Tech Electronics and Communication Engineering**–KMCTCE , Calicut University, Secured **65%**

2009 Plus Two Science – **75%**

2007 SSLC – **95%**

Declaration

I hereby declare that the statement given above is true to the best of my knowledge and belief.