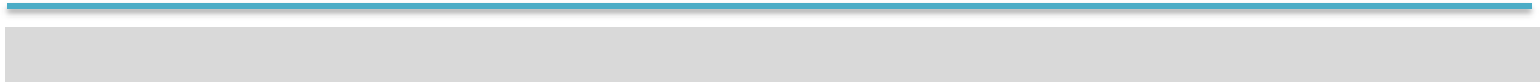
ANAND KUMAR D R

**Mobile:**9640006320

**E-mail:anandmrcet@gmail.com**



**Summary:**



* **Working as Assistant professor in ECE Department of MRCET from December 2021 to till date.**
* 2+ years of experienced embedded engineer .
* Experience in embedded Linux device driver development.
* Embedded Linux experience covers Board support packages, boot loaders, Linux Interrupt Handling, Kernel Threads, and POSIX Threads, concurrency in kernel, Debugging technique at Boot loader, kernel & user space.
* Worked as Embedded Engineer in Raayan systems Pvt limited Hyderabad from December 2019 to December 2021.
* **Diploma in Embedded Product Design from CDAC-HYD.**
* Worked as an Asst. professor in ECE Dept of SMGOIH from July 2018 to March 2021.
* Worked as an Asst. professor in ECE Dept of VKITS from 2012 July to August 2017.
* Worked as an Asst professor in ECE Dept of CBTV from Aug 2007 to September 2009.

# Professional Experience:

# Worked as Embedded Engineer in Raayan systems Pvt limited Hyderabad from December 2019 to December 2021.

**DataLogger(Embedded Linux Project)**

* + The main aim of the project is to interface the peripherals with AM3358SOC.
* Enable I2C communication between SOC and peripherals in linux kernel source code.
* Enable Mux configuration of the peripherals in boot loader source code.
* Understanding I2C and GPIO frameworks.
* Understanding of each driver APIs and customize or add new driver API
* Integrating all driver APIs
* Skill set
* Build a customized kernel and u-boot for a designated target.
* Configure a boot loader for booting a customized kernel with its root file system from a solid state storage device.
* • Choose a GNU tool chain for cross-development.
* • Understanding of the board support packages•
  + H/W: TISitara (AM3358) ,Temperature Sensor, EEPROM,GPIOs/w.
  + Linux device drivers
  + Linux system programming
  + Base :Linux embedded c
  + Build system: GCCARM cross compiler, GNU Make file
  + Debugging: GDB

# Education:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **course** | **board/university** | **School/college** | **Year of passing** | **Percentage/cgpa** |
| M.Tech(Embedded Systems) | JNTUH | RMCE | 2012 | 67.5 |
| B.tech(ECE) | SSJEC | SSJEC | 2005 | 55 |
| INTERMEDIATE | BIE | GAUTAMI Jr KALASALA | 2001 | 68 |
| SSC | BSE | RMHS | 1999 | 68 |

**Certification:**

|  |  |
| --- | --- |
| 2023 | **Embedded Linux Device Driver developer from Kernel Masters, Hyderabad**. |
| 2016 | **Diploma in Embedded Product Design from CDAC-HYD.** |

# Skills:

* **C Language**
* **Linux Device driver**
* **Embedded software development- bare metal, Microcontroller Architecture and interfacing**
* **Working knowledge in Microcontroller architecture, understanding electronic circuits/schematics**

# Declaration:

I hereby declare that all the above information is true, correct to the best of my knowledge and believe.

**Date:**

**Place:** Hyderabad **ANAND KUMAR D R**