#### **CM Naveen Kumar Reddy**

#### As Associate Software Engineer with 2.6 years of experience in Linux device driver development and Testing with good understanding of C, I2C Protocols, basic of USB.

**Highlights**

* Experience in enhancement of device drivers.
* Experience in communication protocol- I2C.
* Hands on experience in Kernel compilation, customizing Linux kernel for a specific embedded application using cross-compiling applications for a specific board/device
* Good Understanding of Linux device drivers- Character.
* Good Understanding and knowledge of C.

**Technical Skills**

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| --- | --- |
| Operating Systems | Linux, Windows |
| Languages | Embedded Linux, C, Data Structures. |
| Protocols | I2C, Basics of SPI. |
| Device Drivers | I2C, Touch driver. |
| Tools | Gdb , basics of KGDB |

**Education Qualification**

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| --- | --- | --- | --- | --- |
| **Year** | **Degree** | **Institution** | **Percentage/CGPA** | **Full Time/Part Time** |
| 2012-15 | B.TECH | JNTUA Anathapur | 68.5% | Full Time |

**Experience Details**

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| **Organization** | **Position** | **Duration** |
| Global Edge Software Limited Bangalore. | Software Engineer | 08/17 to Till |
| LG Soft India Pvt Ltd | Associate Software Engineer | 07/15 to 08/17 |

**Project Profile**

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| --- | --- |
| **Project 1** | 1. **LG Android Smart Phone** |
| Company | LG Soft India Pvt Ltd. |
| Duration | 2 years |
| Description | LG smart phones using Android operating system with different chipsets from QUALCOMM. Porting device drivers on new chipset and bug fixing, OS upgradation. |
| Role | * Gathering requirements * planning the functional flow according to gathered information * Preparing feature documentation * Porting the Touch driver * Porting device driver on the new chipset |
| Environment | Linux |