**JANAGAM RAJA NARENDER REDDY**

E-mail: rajanarenderj@gmail.com

Contact: +917892207567

Software Developer with 6.4 years of relevant experience in HMI, Image Analysis and Networking Domain with good knowledge in C, C++.

**Career Objective:**

To work in challenging environment, where my knowledge, educational qualifications skills can be cherished and enriched well to aid the professional growth while being resourceful, innovative and flexible.

**Technical Skills:**

* **OS:** Linux
* **Languages:** C,C++,C++11,SQL
* **Concepts:** OOPS, Design Patterns(OOAD), STL, Data Structures, Multi-threading, IPC mechanisms, dbus, Socket Programming
* **Protocols:** TCP/IP, UDP, ARP
* **Tools:** GNU Toolchain (GCC, GDB), Cscope, Vim, Git, Clearquest, Bugzilla, Jira, Wireshark, Buganizer, Gerrit

**Education Qualification**

B.Tech(ECE) in 2011 from Dr.MGR Educational and Research Institute affiliated to Dr.MGR.Unversity

**Experience Details**

Currently working in Global Edge Software Ltd since Oct 2017

**Project Profile**

**Company:** Global Edge Software Ltd

**Project:** Home Mesh Wi-Fi Router

**Domain:** Networking

**Duration:** Oct 2017 – Present

**Description:** Wireless Router with Advanced features like MESH, Guest Wi-Fi, Ipv6, Parental Control Filter, Prioritization of devices, etc commonly used for domestic purposes .

**Role:** Senior Software Engineer

**Responsibilities:**

* Development of Captive portal feature and its services using C++
* Implementation of Network connection Manager for detection, providing various services to requested connection type
* Worked on protocol buffer(protobuf) for communicating between cloud and Ap stack using messages
* Implementation of experimental features to test the functionality of project code
* Bug fixing activities

**Company:** Uurmi Solutions Pvt Ltd

**Project:** Video Factor

**Domain:** Image Analysis Group

**Duration:** Mar 2015 – Jul 2016

**Description:**

V-Factor Manager (VFM) is video quality detection software that rates the source video quality based on the Mean Opinion Score (MOS) values calculated from the video artifacts like Blockiness, Blurriness, Jerkiness and Ringingness by continuously monitoring the video with the help of Sencore streamer.

**Role:** Project Engineer

**Responsibilities:**

* Implementation of SDLC life cycle through-out various stages of project related activities
* Worked on frames capturing of video codecs (Mpeg2/H264) using ffmpeg decoder using selective decoding and display attributes
* Enhancement of CC(Closed Caption) feature as per DTV standards
* Analysis, debugging and fixing of bugs related to probe application

**Company:** HCL Technologies Ltd

**Project:** Multi-Functionality Printers

**Domain:** HMI

**Duration:** Nov 2011 – Feb 2015

**Description:** MFP is a project related to HMI domain. MFP is an advanced touch screen based device which is used in corporate and domestic sectors for performing various functionalities like Copy (Xerox), Scan, Fax, User Box, Web Browser and Email.

**Role:** Software Engineer

**Responsibilities:**

* Implementation of SDLC life cycle through-out various stages of project related activities
* Involved in preparing the design documents based on the client requirements
* Worked on new features implementation using C++
* Execution of test cases in Simlin(Simulator in Linux) environment
* Involved in Bug fixing

**DECLARATION:**

* I hereby declare that the above furnished information is true to the best of my knowledge

**(Janagam Raja Narender Reddy)**