

# Chenchaiah

## Software Developer



+91-9010084567



Chenchaiah4567@gmail.com

### OBJECTIVE

To enhance skills, have deep knowledge of Technological Advancement & to make best use of my inherent potential. To achieve personal growth conjoined with the growth of the organization I work for, not only meeting expectation but also exceeding them.

### TECHNICAL SUMMARY

- ❖ Expert in developing **Object Oriented Programming (OOPS)** in C++ like **Abstraction, Inheritance, Compile Time/Run Time Polymorphisms** and Specialize in C++.
- ❖ Good knowledge in MFC **Message Map Architecture and Message Pumping and Routing.**
- ❖ Having Knowledge in MFC **Regular and Extension DLLs.**
- ❖ Good knowledge and Experience Windows OS based GUI Applications and Worked on **Modal/Modeless Dialog Boxes.**
- ❖ Developed **Doc/View Architecture** Applications using SDI/MDI.
- ❖ Good knowledge in WIN 32 API System Registry, Files, **Threads concept like Multi-Thread such as synchronize Objects, User Interface and Worker Threads** & Process.
- ❖ Participated in **Code Review, Troubleshooting** and **Debugging** the Application by analyze the log files.
- ❖ Having good knowledge in Unit Testing.
- ❖ Good Knowledge in **STL templates, using Vector and List and Map, Multimap and Set.**
- ❖ Having Basic knowledge of **.NET managed C++/CLI** Coding with Marshaling and Non-Marshaling Technologies.
- ❖ Participated in various Projects at various stages from conception to implementation and maintenance.
- ❖ Problem solving abilities, Smart working and Learning attitude.

### SKILLS

Programming Languages	:	C, C++, VC++
Technologies	:	WIN32 SDK, MFC, DLL, Doc-View, STL.
Software Development Tools	:	Visual Studio 2008, Visual Studio 2015.
Source Control Tool	:	Git, TFS.
Data Base	:	SQL Server 2008

## EDUCATION

**B. Tech** (2013 - 2017) : VNR College of Engineering. (With 70.12%)  
**Intermediate** (2011 -2013) : KVSRT Junior College (with 83.1%)  
**SSC** (2010 - 2011) : Raghava Vidhya Niyalam (with 74%)

## PROFESSIONAL SUMMARY

**Company Name** : Freyr Software Solutions.  
**Duration** : Since July 2021 to till date.  
**Location** : Hyderabad.  
**Designation** : Software Developer.

### Project: #1

**Project** : E - Mobility.  
**Client** : TVS  
**Company Name** : Mahle Service Solutions, Pune.  
**Duration** : Dec 2019 to July 2021.  
**Position** : Software Developer  
**Team Size** : 11  
**Environment** : C, C++, VC++, MFC, Doc-View, DLL, STL and Multi-Threading.

### Project Description:

- MAHLE develops holistic thermal management solutions for electric vehicles, which cover interior temperature control as well as thermal management of the technical drive components.
- E-mobility will be a key component of CO2-neutral individual transportation
- The refined management of the occurring heat flows is the foundation for the performance
- Cruising range, and service life of electric vehicles. Regularity Compliance

### ECU (Engine Control Unit):

- ECU is a small device in a vehicle's body that is responsible for controlling a specific function. ..
- An ECU receives inputs from different parts of the vehicle, depending on its function.
- For software configuration each microcontroller requires its own ECU Configuration.
- There are many different ECUs working inside a vehicle.

### Diagnostics:

Diagnostic tests can reveal problems within a car's engine, transmission, exhaust system, brakes, and other major components, as well as performance issues with the fuel injector, air flow and coolant, ignition coils, and throttle.

## ROLES AND RESPONSIBILITIES:

- My role in this project reading and writing the .INI files from local paths.
- Reading the pre-existing data from local files to Particular Dialog-boxes and Dropdownlists.
- Generating reports.
- Debugging and finding errors and bug fixing.
- Understanding the requirements and specification algorithms and preparing high level design.
- Developing the application and do the unit testing.
- Customization of MFC GUI controls and sub classing.
- Designing of GUI Modal/Modeless dialog boxes and developing GUI using MFC Classes.
- Created dictionary files resources.
- Trouble shooting using log files.

## Project: #2

Project	:	Freyr-Regulatory PDF Tools.
Company Name	:	Freyr Software solutions, Hyd.
Duration	:	July 2021 to till date
Position	:	Software Developer.
Team Size	:	4.
Environment	:	C++, Adobe PDF SDK, Win32 API, MFC

### Project Description:

Freyr Regulatory PDF Tool is a collection of Acrobat® plug-ins that provide global electronic submission-specific functionality that is not directly available in the Adobe Acrobat® application. IRPT enhances the PDF publishing process for electronic submissions by ensuring that all PDF documents are prepared in compliance with multi-agency requirements.

IRPT provides state-of-the-art automated capabilities, which replace manual processes and increase efficiency for the PDF publishing process. Specially designed for Life Science professionals, IRPT makes working with PDFs faster, more comfortable, and compliant with regulatory agencies worldwide. No matter how large or small the job is or which regulatory agency you're submitting to, IRPT eliminates the enormous challenges, cost, and work involved in preparing electronic documents for eCTD, Nees, and other format submissions.

## ROLES AND RESPONSIBILITIES:

- My role in this project is creating new plugins for Adobe Pdf project.
- R&d for the new Acrobat pdf sdk plugins.
- Understanding the Requirement related for the Adobe Acrobat application.
- Creating the new classes using Dialog based applications in MFC.
- Designing of GUI Modal/Modeless dialog boxes and developing GUI using MFC Classes.
- Customization of MFC GUI controls and sub classing.
- Export/Import the .csv files and .xls files.