

# HARISH

SOFTWARE DEVELOPER

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## OBJECTIVE:

*To serve a growing organization to the best of my ability sincerely, honestly with hard work and where I am the role player for the overall growth of the concern and give respect to my senior. I am ever keen to acquire some new technologies and climb the corporate to ladder by honest and hard work.*

## Education

### Graduation in B.TECH(EEE)

Guru Nanak Institutions Technical Campus,  
Hyderabad with 7.71 CGPA (2017-2020)

### Diploma in EEE

Government Polytechnic Yadagirigutta,  
Nalgonda with 76.66% (2014-2017)

### SSC

Government High School Chunchupally,  
Kothagudem with 8.5 GPA(2014)

## Technical Skills

- ♦ **Programming Languages:**  
C, C++ & Basic C#.
- ♦ **Technologies:**  
Win32 API, MFC, STL.
- ♦ **SD Tools:**  
Visual Studio 2017 & 2019.
- ♦ **Source Control Tools:**  
Team Foundation Server (TFS)
- ♦ **Data Base:**  
SQL

## Professional Summary

- ♦ 3 years of Extensive Experience in Software Development using C/C++, MFC using Microsoft Visual Studio 2017 & 2019.
- ♦ Widely used OOPS Concepts, Data Structures, and algorithms for user administration, Role Management, and authorization objects development.
- ♦ Experience in C++ technical concepts like type castings, smart pointers, Pointer/Ref types, Deep Copying, Shallow Copying, Virtual destructors, Mutable, const, volatile and auto keywords.
- ♦ Very good exposure in writing OOPS concepts like Abstraction, Encapsulation, Inheritance, Compile Time/Run-Time Polymorphisms.
- ♦ Hands on experience in MFC Modal and Modeless Dialog Screens, and Frame Window development.

- ◆ Extensively used C++ 11 concepts like auto, override, final, smart pointers.
- ◆ Good understanding in Message Map Architecture & Message Handling mechanism Command routing.
- ◆ Hands on using STL Algorithms, Containers (Vector, List, Map).
- ◆ Good Analytical Thinking and Problem-solving skills and willingness to learn new technologies and tools.
- ◆ Effective in working independently and collaboratively in teams.

## Project Details

Organization : QUEST GLOBAL ENGINEERING SERVICES PRIVATE LIMITED. CHENNAI  
Role : Software Engineer.  
Duration : Dec 2022 to April 2023.  
Environment : C/C++, VC++, WIN32 API, MFC, STL, Basics of C#, Visual Studio 2019, Multithreading and Synchronization.

**Client Details** : BOSCH Limited, Chennai.  
**Project** : **IDS(Integrated Diagnostics Software)**  
**Team Size** : 9

## Project Description

The Ford Integrated Diagnostic Software(IDS) provides complete diagnostic coverage of current and future Ford, Lincoln and Mercury vehicles. The IDS package replaces the worldwide Diagnostic System(WDS). The IDS application will perform the identical functions of the WDS and allows technicians to diagnose and service Ford, Lincoln and Mercury vehicles.

IDS is enhanced software that was modified to run on a standard laptop platform and utilizes the Vehicle Communication Module(VCM-II). Moving IDS to a laptop helps technicians by integrating access to both diagnostics and service information on a single , powerful machines.

## Roles and Responsibilities

- Here I involved in performing some Load Test i.e., Sanity testing.
- Sanity Testing means after receiving the software build, sanity testing is performed to ensure that the code changes that we introduced are working as expected.
- Here we use IDS application i.e., it is a windows application to perform these tests.
- Here we perform some tests like Network Test, Module Programming test.
- Network Test will be performed to gather the data from the network to the application.
- Module Programming Test is performed to test the various modules of a car i.e., BCM and IC modules.

- Here we use some testing tools like Vehicle Communication Module (VCM-II) and Simulated Vehicle Electronics Network (SVEN).
- Here I also involved in doing the monthly metrics of the project based on the software updates and V releases.
- I also involved in run some queries in the SQL server in doing this metrics.

## Project Details

Project	: SHPL Helium
Team Size	: 15
Organization	: SIEMENS HEALTHCARE PRIVATE LIMITED, BANGALORE.
Role	: Software Developer/Engineer.
Duration	: Jun2022 to Oct 2022.
Environment	: C/C++, VC++, WIN32 API, MFC, STL, Basics of C#, Visual Studio 2019, Multithreading and Synchronization.

## Project Description

Angiography is a type of X-ray used to check blood vessels. Blood vessels do not show clearly on a normal X-ray, so a special dye needs to be injected into your blood first. This highlights your blood vessels, allowing your doctor to see any problems.

A catheter is inserted into an artery in the groin, arm or neck and threaded through the blood vessels to the heart

## Roles and Responsibilities

- ♦ I involved in the frame window development.
- ♦ So, here I involved in creating an DLL file that contains an API's which draws shapes according to the user input.
- ♦ Drawing the shapes with user given inputs and making that window transparent and the shapes that we draw will come according to the screen coordinates.
- ♦ Developed MFC Modal/Modeless dialog screens.
- ♦ Here I involved in the development of a Component that sends an notification to the registered clients instead of giving the notification to all the clients.
- ♦ So, here I used virtual mechanism to register and send notification to the registered clients.

## Project Details

Project	: Linfox Pty Ltd, Australia
Client	: Linfox Pty Ltd, Australia
Team Size	: 10
Organization	: ZOPPER SOLUTIONS PRIVATE LIMITED, BANGALORE.
Role	: Software Developer.
Duration	: Feb 2020 to Jun 2022.
Environment	: C/C++, VC++, WIN32 API, MFC, STL, Basics of C#, Visual Studio 2019, Multithreading and Synchronization.

## Project Description

Linfox Pty Ltd. is a logistics company that provides supply chain & CRM solutions across the Asia Pacific. Its services include Tier 1 IT systems, warehouse management and transport and freight management.

The company serves fast moving consumer goods, retail, resources and industrial, Australian line haul, and government and defense industry sectors.

## Roles and Responsibilities

- ◆ Implemented Pipeline Performance Reports module, which provides you with a set of sales analytical data intended for sales manager and the actual sales people. It allows us to forecast revenue and plan accurately as well as with track pipeline performance and budgets management.
- ◆ STL vector and unordered\_map containers are used in sales analytics implementation.
- ◆ Lock\_guard, lock, and mutex objects are used in multithreaded scenario.
- ◆ Pricing procedures implementation, the procedure is applied during document creation and use the pricing conditions in calculations in the sequence they will be processed.
- ◆ Customer return analysis reports, it gives you statistical information about customer returns for a period of time.
- ◆ Customer analysis report gives you statistical data about sales amounts for a given period of time. It includes totals for sales, billed quantities, gross sales and other key figures that will let you make better decisions when you plan your promotions or discounts.

## Skills

SOLID Principles, C++, STL Containers, Smart Pointers, Inheritance & Polymorphism, MFC custom controls, Modal/Modeless Dialogs, Multi-Threading & Synchronization using Lock Guard, Unique Lock, Mutex & Lock objects.