MUNWAR ALIKHAN

MODERN C++ DEVELOPER

EXPERTISE

Programing Languages

- **C**
- **C++ 11/14**

Libraries

- **MFC**
- **WIN32 API's**

Developmental Tool

Visual Studio 2019

EDUCATION

- **2018 - 2022 | B.Sc.(Hons).Ag.**
  Acharya N.G. Ranga Agricultural University (ANGRAU), Guntur
  Result :- 81.0 %

- **2014 - 2016 | Intermediate**
  Sri Chaitanya Boys Jr College, Vijayawada, A.P.
  Result :- 95.70 %

- **2013 - 2014 | SSC (X class)**
  Madanna memorial H School, Mydukur, A.P.
  Result :- 92.0 %

CONTACT

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📍 Banglore

CAREER OBJECTIVE

A dedicated and result-oriented IT professional possessing a passion for programming and seeking a software engineering position with an reputed organization to make the most of my coding skills and leverage the goals and ambitions of the organization.

PROFESSIONAL SUMMARY

- **1.5+ years** of Hands On Experience in back-end development using **C, C++11 /14, STL, Windows & MFC.**

- Expert in **STL Containers** vector<>, list<>, map<>, set<>, iterators and **Algorithms, Socket programming, Multithreading.**

- Good knowledge in Standalone Desktop Development using **MFC Framework and WIN32 API's.**

- Developed **Modal/Modeless Dialog screens**, and implemented custom controls (CEdit, CListCtrl, CButton).

- Strong problem solving, analytical and **object-oriented programming skills**

- Excellent **coding skills**, knowledge of OOP and **design patterns**

- Hands-On Experience in **Modern C++ Generic Programming** (Templates, Lambda, Functors, Concepts).

- Good Knowledge in memory management, widely used **SMART Pointers** (Unique Pointer, Shared Pointer, Weak Pointer) and Move Semantics.

- Hands-On Experience in the implementation of **OOPS Concepts** (Abstraction, Encapsulation, Inheritance, Polymorphism) and **SOLID Principles.**

- Good Knowledge in MFC Framework Message Map Architecture, and Command Routing in **Doc/View Applications.**

OTHER SKILLS

- Broad technical knowledge and combined creative problem-solving skills on both strategic and tactical areas.
- Good analytical skills, commitment to co-operative teamwork and developing high quality software meeting requirements of the customer.

PROJECT DETAILS

Project Name :-   John Deere Supply Chain

Role in Project :-   Associative Software Engineer

Environment :-   C, C++ 11/14, OOPs, STL, Multithreading, Windows & MFC.

Company Name :-   Feedoozy Technologies Pvt. Ltd.

Client Name :-   John Deere

PROJECT DESCRIPTION

John Deere Company is a world leader in providing advanced products and services for agriculture, forestry, construction etc.... John Deere mainly manufactures Tractors, Implements, farm machinery and Industrial equipments.

Most of the agricultural works are carried out by Machineries (John Deere), particularly Tractors and Implements. John Deere Tractors have many Implements like MB plough, Disc Plough, Cultivator, Rotavator, Seed-cum-fertilizer drill etc..

ROLES & RESPONSIBILITIES

- Designed Firefighter Dialog Screens, and Custom controls using sub classing techniques.
- Changes in Context Menus for various windows as well as from Authorization, and troubleshooting all kinds of authorization
- Changes in Risk Remediation & Mitigation Library.

- Fixing all role authorization related issues.
- Role based Simulation of SOD at Transaction Code Level, Authorization Object Level, Critical Role Level & Mitigation Level.
- Implemented Inheritance, Composition, & aggregation for various User Roles objects
- Extensively Used Smart Pointers like Unique pointer, Shared pointer, weak pointer & Design Patterns.

Munwar Alikhan