

NEERAJA K

Email: singhniraja95@gmail.com

Mobile No: +(91) 7989818282

Career Objective:

To take up challenging career Learning experience to develop my skills, and be a, knowledgeable skill full Professional with appositve frame of mind capable of contributing to the development of the organization.

Technical Summary:

- 3 Years of experience in technologies such as C++, C++11 & Data structures in Windows Environment.
- Professional programming skills in C/C++ and implementing the OOPS concepts like Abstraction, Inheritance, Compile Time/Run-Time Polymorphisms.
- Hands on Experience in developing Windows based GUI applications using C++/C++ 11 Technologies.
- Good knowledge in Design Patterns Singleton, Bridge, Observer and Factory.
- Memory management in C++ code using Smart Pointers (unique_ptr, shared_ptr, and weak_ptr).
- Hands on Experience in STL Containers (vector, list, map, and set), iterators, and Algorithms.
- Experience in using DLLs and libraries.
- Proficiency in Object Oriented Programming (OOPS).
- Good knowledge in C++ 11 Features
- Strong Debugging and troubleshooting skills.
- Worked in Agile Methodology SDLC.
- Maintaining the documents which are related to the project.

Education:

- **MCA** from Krishna Chaitanya Institute of Science & Technology, Kakatur, Nellore, Andhra Pradesh with 73% (2015-2018).
- **BSC [Computer Science]** from Krishna Chaitanya Degree College, Nellore, Andhra Pradesh with 93% (2012-2015).
- **INTERMEDIATE** from Sri Chaitanya Jr College, Nellore with 95% (2010-2012).
- **S.S.C** from CNR English Medium High School, Nellore, Andhra Pradesh with 89% (2009-2010).

Employment History:

- Working with **NEXGEN TECHNOLOGIES** as a Software Developer from May 2019 -present.

Project Details:

- **PROJECT #1:**

Project Name	: TSNOW/OSDS
Role in Project	: Developer
Proprietary Tools Used	: 1. JIRA
	2. SVN
	3. VS 2019
Duration	: June, 2021 – Till date
Software	: C++11, STL, SQL Server 2012, Visual 2015/2019.
OS	: Windows

DESCRIPTION OF PROJECT:

TSNOW/OSDS:

- Facility data processing requirements including complete facility Word parsing and mapping requirements.
- TSNOW/OSDS-BMP interface requirements including G2 record definition, interface data dictionary.

BMP:

- BMP receives feeds from TSNOW/OSDS and replicates/maintain the data.
- TSNOW provides BMP with all types of facilities (DS1, DS3, OC3, etc.) Any filtering done by BMP SDS feeds-These facilities will have DACS equipment at their monitoring end points.

Roles & Responsibilities:

1. Coding and Fixing bugs using C++ code.
2. Working on enhancements.
3. Debugging and analysis of issues.
4. Analysis of the specifications provided by the Client.
5. Involved in meeting with functional team to understand the functional specification properly.

- **PROJECT#2:**

Project Name	:	GPS Network
Proprietary Tools Used	:	1. SVN
		2. JIRA
Duration	:	May, 2019 - June, 2021

Environment: C++11, STL, SQL Server 2012, Visual Studio 2015/2019.

Description of the project:

GPS network consists of a constellation of twenty-four primary satellites. The satellites are orbiting the earth the two times per day at an altitude of 18000 km above earth's surface. The system provides cost-free, three-dimensional positioning information to GPS receivers twenty-four hours per day around the planet.

GPS receiver computes its position using radio signals that are being received from the GPS constellation. The satellites will continuously broadcast the signals to the earth.

Roles & Responsibilities:

1. Develop and maintain library using C++.
2. Develop and maintain programs using C++.
3. Enhancement and feature Implementation.
4. Problem Analysis and bug fixing.

(NEERAJA K)