

CAREER OBJECTIVE

Strong focus on Creativity, Bug fixes, platform specific changes and implement the best course of action with possible solutions to meet objectives. To succeed in an environment of growth where I can utilize my existing skills and knowledge and develop new skills to contribute in the accomplishment of organizational goals.

EDUCATION

- 2012-2016 B. Tech (EEE)/ **ST. MARY'S GROUP OF INSTITUTIONS**, CHEBROLU, GUNTUR.
- 2010-2012 Board of INTERMEDIATE (+2) {MPC} / **Jupiter Junior College**, GUNTUR.
- 2009-2010 Board of SSC/ Studied in Science and Math's in **P.M.C HIGH SCHOOL**, GUNTUR.

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PROFESSIONAL SUMMARY

3.5 years of working experience in **development and maintenance of applications.**

- Professional programming Experience into **C++ code** development in **windows Platform with Debugging Experience and implementing the OOPS concepts like Abstraction, Encapsulation, Inheritance, Compile-Time/Run-Time Polymorphisms.**
- Expertise on using **STL (Vector, Map, List).**
- Hands on experience in **SQL(Database).**
- Exposure in **Data structures.**
- Experience in **C++ 11, C++14** version.
- Have a good knowledge on **Visitor design pattern, Factory Design Pattern and Singleton Design pattern.**
- Experienced in generating SSRS reports
- Experienced in using TFS.
- Having experience in **C++ technical concepts like type castings, smart pointers, Pointer/Ref types, Deep Copying, Shallow Copying, Virtual destructors, Mutable, Const keywords.**
- Basic understanding of Design.

PATRRNS EMPLOYEEMENT SUMMARY

Certiview IT & Management Solutions Pvt Ltd, Hyderabad as Software Developer, March 2019 to till date.

PROFESSIONAL EXPERIENCE

PROJECT Title	:	Picture archiving and communication system (PACS)
Role	:	Software Developer.
Team Size	:	10
Duration	:	Mar 2019 to till date.

DESCRIPTION

A picture archiving and communication system (PACS) is a medical imaging technology which provides economical storage and convenient access to images from multiple modalities (source machine types). Electronic images and reports are transmitted digitally via PACS; this eliminates the need to manually file, retrieve, or transport film jackets, the folders used to store and protect X-ray film. The universal format for PACS image storage and transfer is DICOM (Digital Imaging and Communications in Medicine). Non-image data, such as scanned documents, may be incorporated using consumer industry standard formats like PDF (Portable Document Format), once encapsulated in DICOM. A PACS consists of four major components: The imaging modalities such as X-ray plain film (PF), computed tomography (CT) and magnetic resonance imaging (MRI), a secured network for the transmission of patient information, workstations for interpreting and reviewing images, and archives for the storage and retrieval of images and reports. Combined with available and emerging web technology, PACS has the ability to deliver timely and efficient access to images, interpretations, and related data. PACS reduces the physical and time barriers associated with traditional film- based image retrieval, distribution, and display.

USES

PACS has four main uses:

- **Hard copy replacement:** PACS replaces hard-copy based means of managing medical images, such as film archives. With the decreasing price of digital storage, PAC Sen provide a growing cost and space advantage over film archives in addition to the instant access to prior images at the same institution. Digital copies are referred to as Soft-copy.
- **Remote access:** It expands on the possibilities of conventional systems by providing capabilities of off-site viewing and reporting (distance education, tele diagnosis). It enables practitioners in different physical locations to access the same information simultaneously for tele radiology.
- **Electronic image integration platform:** PACS provides the electronic platform for radiology images interfacing with other medical automation systems such as Hospital Information System (HIS), Electronic Medical Record (EMR), Practice Management Software, and Radiology Information System (RIS).
- **Radiology Workflow Management:** PACS is used by radiology personnel to manage the workflow of patient exams.

Roles & Responsibilities

- Coding, debugging and bug fixing.
- Build windows applications using C++.
- Application Enhancement, implementing new features.
- Understanding bugs and reproducing by following instructions given by the tester.
- Involved in unit testing and writing code.
- Involved in team meetings on code reviews.

Thanks & Regards,

Siva.