

BHUVANESHWARAN.B

bhuvanbose86@gmail.com

+91-9362464800

Objective

To contribute a strong background in solution, implementation and customer service, along with a unique drive for excellence and success to your firm.

Professional Summary

EMD Systems Software Private LTD, Software Engineer.

May 27, 2011 - Present.

- Expertise in developing applications using C++.
- Expertise in working with DICOM Imaging services for PACS System.
- Strong knowledge in healthcare standards and protocols (DICOM).
- Leading a team of 6 junior software engineers.
- Well experienced in working in multiple LIVE projects concurrently
- Involved in Design, R & D, and Developing Software applications. Duties included debugging.
- Having experience in developing web applications and windows applications using C#.
- Quick learner with the ability to work both independently and in a team environment.

Work Experience

- Working as “Technical Lead” in EMD Systems Software Private Limited, Chennai from May 2011 to till date.

Technical Proficiency

Languages : C++,C#,Javascript,Lua.

Libraries : Boost,DCMTK,OpenCV,libcurl,Rapidjson,Intel IPP,Kafka,Openjpeg.

Project #1: MMS

Role : Technical Lead.

Technology : C++.

- Responsible for Design, Development of c++ applications.
- Developed HTTP based Image service for fast rendering of Medical Images (DICOM).

- Developed a module to detect Skinline of Mammography images using openCV.
- Developed a module for convert DICOM to jpg,bmp,png,avif and webp.

Project #2: UVR

Client : Konica Minolta Healthcare Americas.

Role : Senior Software Engineer.

Technology : C++, C#,MFC.

- Developed C++ backend application for all dicom protocols.(C-STORE, C-FIND, C-Move etc...).
- Developed module to support all DICOM character set.
- Developed a module to validate dicom violation and mandatory tag based on user settings.
- Developed a module for DICOM CD Burn.
- Developed C# Services for import patient reports and user rights from one PACS to another PACS.
- Involved in LIVE application support for customers.

Project #3: EXA

Client : Viztek. USA

Role : Software Engineer.

Technology : C++.

- Developed C++ backend application for all dicom protocols.(C-STORE, C-FIND, C-Move etc...).
- Developed a module to detect Skinline of Mammography images using openCV.
- Expertise in using Intel performance primitive API's for image processing.
- Involved in LIVE application support for customers.

Project #4: Mammogram Lesion Finder

Role : Technical Lead.

Technology : C++.

Description : Analyzing mammo images and find lesion.

- This system will find and mark the lesion area after processing the images with a finite number of algorithms.

Project #5: DM9 Migration tool

Role : Technical Lead.

Technology : C++, Kafka.

Description : DM9 migration tool is a fastest DICOM migration tool which runs blazingly fast in cross platforms. It can process DICOMS with a rate of at least 20 million DICOMS per day in a traditional workstation.

- Involved in development of backend modules.

Project #6: DICOM Characterset Conversion

Role : Technical Lead.

Technology : C++.

Description : Character set conversion is the process of converting text data from one character set to another.

- Involved in development of all Dicom Charactersets Conversion.

Personal Details:

Date of Birth : 3rd August 1986.

Sex : Male

Marital status : Married.

Languages Known: Tamil, English