Pramod T Gowda

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PROFESSIONAL SUMMARY

Seasoned Senior Software Engineer with 8 years of hands-on experience in software analysis, design and development. Expertise in end-to-end software development life cycle processes and carrying out impact analysis, project review and documentation. Strong problem solving and technical skills coupled with innovative mindset.

SKILLS

Languages	C#.Net C++ C Css Html
Technologies	OOPS Dot Net Framework 4.7.2/4.5/4.0/3.5 Data-Structures Threading Multithreading WPF MVVM WCF Services Winforms Windows Services WebApi RestApi Specflow N-Unit Testing Agile Scrum Design Patterns SOLID principles WinPE
Platforms	Visual Studio Code IBM RTC Git TFS Eclipse Windows 10/7 Postman Visual Studio-10/12/15/19 CharmNT Clear-Quest SAP Code-Collaborator

PROFESSIONAL EXPERIENCE

Philips India Private Limited

(Bangalore, India)	Senior Software Engineer	Dec 2019 – Present

Project: Allura

Allura is an X-ray system used to perform minimally invasive tests and procedures to diagnose and treat cardiovascular disease. Allura is a diagnostic imaging equipment used to visualize the arteries of the heart and chambers of the heart and treat any abnormality found.

There are 4 subsystems of Allura. (HWF, ICC, GEO, SWF)
SWF responsible for installing, configuring and servicing Allura system. PSC application is used**.**
PSC is Installed on the Host PC. Used by Field Service Engineer to Install Allura SW, Configure system, Perform tests to check the health of the system, View Logs, Backup configuration data, Restore configuration data, Configure printer, Manage License etc., This application has authentication and authorization mechanism. It is used by Field Service Engineers and Remote Service Engineers for servicing the system.

- Owned complete Responsibility for installing and uninstalling the subsystems and configuring the Allura X-ray system.
- Creating entry point for the WinPE OS for Allura system.
- Monitoring the Allura system for any failures and reporting the same.
- Download board software tool used to install Allura Software on different systems/boards that are part of Allura.
- Survey all tool to gather all the required info from different PCs, it displays all the information related to the system.
- Backup tool to trigger backup on Allura system once the system is fully configured.
- Restore tool to restore the system configuration from a backed up file.
- RSD Remote SW Distribution to allow installation of SW packages on Allura system remotely.
- Remote connectivity to allow Remote Service Engineer in Philips to take remote of Allura system in hospital through PRS
- UTR gathering and UTS for the features handled.
- Designing, Coding, Debugging and Manual Testing.
- Handling the CI/CD pipelines.
- Documentation of developed components and modules.
- Feature enhancement and bug fixing and unit test.
- Played major role in defect analysis, code review and documentation.
- Engaged in software development practices using Safe Agile and Scrum methodologies.
- Getting requirement from the stake holders and updating design of components as per requirement.

Languages: C++, C#.Net, WPF, WCF, NUNIT, TFS.
Environment: Windows, WinPE, Visual Studio, Git, Clear Quest, RTC, Specflow.

Siemens Healthcare Private Limited

(Bangalore, India)   **Senior Software Engineer**   **Oct 2015 – Dec 2019**

Project: Angiography and X-ray Box Data

AXBD (Angiography and X-ray Box Data) AXBD is a Bio-medical non-invasive imaging application. It provides solutions for diagnostic and therapeutic workflows, from the acquisition of medical images to the result distribution. AXBD provides visualization and post processing functionalities for XA Images.

- Creating data access layers, business logic layers and UI layers in the project.
- Designing, Coding, Debugging and Manual Testing.
- Documentation of developed components and modules.
- Feature enhancement and bug fixing and unit test.
- Getting requirement from the stake holders and updating design of components as per requirement.
- Report and fix nightly run issues.

Languages: C++, C#.Net, WPF, WCF, NUNIT, TFS, SQL Server.

Environment: Windows, Visual Studio, Eclipse, Clear Case, SAP, Code-Collaborator.

Creative Genius

(Bangalore, India)   **Software Trainee**   **Sep 2014 – Oct 2015**

Project: Juicer Desktop Application

Juicer is a desktop application support for customer, they can browse and download lakhs of contents from server, like Audio, Video, Animation, Sound Effects and videos to their customer. And they can also render the contents to the different format as they want.

- Worked on 'Juicer' desktop application used for downloading contents like Audio, Video, Animation, Sound Effects from severs.
- Performed feature extension using c++ and juce library.
- Requirement gathering from stake holders and development of components as per requirements
- Carried out continuous identification, measurement, and improvement of processes.

Languages: C++, C

Environment: Windows, Visual Studio, Mercurial

QUALIFICATIONS

Bachelor of Engineering in Computer Science   2010 – 2014
Visvesvaraya Technological University, Karnataka