Aniz Mundoli

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**OVERALL SUMMARY**

* More than 10 years of Work experience in Information Technology
* Experience in **Requirement Collection**, **Project** **Design** ,**Development, Different software development life cycle**  and **implementation**
* **Certified Scrum Master in Agile** SW development – Certified from ScrumAlliance
* Expert in **C++,OOAD,UML,QT,GTK, Data structures, algorithms and Design patterns**
* Experience in **C#**,**XML**, **Multi-threading** and **OpenGL**
* Rich Experience in UI and UI Framework development
* Currently working as **Software Engineer at CISCO.**
* Strong in design and architecting of Applications layer using OOPS concepts and design pattern methodologies.
* Worked in different locations including **Nokia, Finland and Siemens, USA**.

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| --- | --- |
| Technical Skills C++  C#  QT  GTK  UML  OOAD  Design Patterns  Algorithms  Data structure  Multi-threading Project Life Cycle Waterfall  Agile | Tools Scrum Works  SVN  CM SYNERGY  BugZilla  JIRA  Rational ClearCase  Rational Clear Quest  TFS  MicroSoft Visual Studio  Enterprise Architecht Operating Systems Windows 9x /Windows 2000  Linux  Symbian |

**Academic Qualifications:**

**B.Tech** with first class in **Computer Science and Engineering** from College of Engineering, Trivandrum (University of Kerala, 1997-2001 Batch)

12th from Farook College, Calicut with distinction (University of Calicut 1995-97)

10th (SSLC) from ST.Joseph’s B.H.S Calicut with distinction

**Current** **Organization:**

**CISCO India Pvt Ltd (**31st July 2013 to till Date)

**Previous** **Organizations:**

**1. Hewlett Packard India Pvt Ltd** (5th Jan 2011 to 26th July 2013)

**2. Nokia India PVT Ltd**. (24th July 2006 to 4th Jan 2011)

**3. SIEMENS, Bangalore (**12 th July 2004 to 20th July 2006**)**

**Professional Experience**

**Fusion**

Organization : CISCO Videos

Roles : Scrum Master of the team

Responsibilities : Design, Development and Requirement collection

Technologies : C++ (M/W) ,Action Script (UI)

Description:

Fusion is Cisco’s solution to the cable and satellite set top boxes. This primarily targets high end set top boxes. Fusion supports PVR functionalities, Wifi, Restart TV, Trickmodes and many high end features. Fusion is mainly designed for the European market. I was involved in the design and development of EPG component and M/W component. I was also responsible for understanding customer requirements and converting it to design. This was done through the work package implementations.

**Discovery**

Organization : Hewlett Packard IPG Division

Roles : Scrum Master of the team

Responsibilities : Design, Development, Unit Testing, Module Testing.

Technologies : WS Discovery, SLP Multicast, SNMP , .Net

Description:

Discovery enables to discover the network connected printers. The discovered printers can be managed and configured using this application. The inputs for the discovery are IP Ranges. For all the IPs in the range it pings and if responds found then it tries to resolve the device using SNMP Oids. The same algorithm is used to resolve different manufactures devices.

**DSS**

Organization : Hewlett Packard IPG Division

Roles : Scrum Master of the team

Responsibilities : Design, Development, Unit Testing, Module Testing.

Technologies : C++

Description:

DSS is Digital send system. An application used by many customers for costuming the printing jobs. Apart from printing DSS can be used to do the pre , post processing of the print,fax contents.

**orbit**

Organization : Nokia

Role : Scrum Master and Team member

Responsibilities : Understanding requirements from UX, Design, Coding, Scrum Mastering, Deployment, Training

Technologies : Visual Studio 2010, C++, QT, Symbian

Description:

This project is aiming creating new widgets (front-end controls for mobile) and layouts which is rich in animations using Qt library. Entire framework is known by the name Orbit. Under Orbit I have developed components like , ProgressBar, ProgressSlider,Rating Slider and different Dialogs for Symbian 3.0.

**GTK wrappers for S60**

Organization : Nokia

Role : Scrum Master and Team member

Responsibilities : Requirement Collection, Development, Testing and Scrum Master

Technologies : C, C++,GTK, Symbian,Linux

Description:

The aim of the project was developing Gtk wrapper classes and corresponding widget engine. The Symbian based widgets were developed and Gtk like wrapper uses these widgets to render. The main use of this project is to port the Gtk based “C” applications to Symbian operating System.

**Thumbnails**

Organization : Siemens Information Systems Ltd.

Role : Team Member

Responsibilities : Design,Development,Testing

Environment : C# .Net, Syngo

Description:

Thumbnails is an application running in Siemens Ultra Sound Machines. This application creates the thumbnail images of the captures. The different captures are arranged according to its mode. The excess images can view by scrolling the scrollbar widget.

**CONVERTING Gerber file to custom Format**

Client : Shinko Electric, Japan

Organization : Siemens Information Systems.

Role : Team Member

Responsibilities : Design, Coding, prepared unit test cases, and unit testing

Environment : C++, Linux

Description:

The system can perform exposures without the use of the mask sets used in traditional photolithography process. The inputs to the system are files in Balls (Ball Semiconductor) proprietary format called NumelMask. This format contains the information about the geometries to be etched in the package. The project involves developing a tool for converting data available in Gerber RS-274X to NumelMask format

**SECS and FA modules for the 300mm srtf equipment**

Client : Siemens

Responsibilities : Design, Development, Testing

Role : Team Member

Environment : C++, Windows.

Description:

Developed SECS communication modules and Factory Automation modules for SRTF 300mm diffusion equipment in accordance with specifications .Developed modules for host interfacing of the SRTF-300 mm equipment

The modules include those for Basic Communication, Generic Equipment Model and Factory Automation. These were developed according to the standards define by the organization named SEMI (a consortium, which defines the standards for semiconductor manufacturing equipments)

Responsibilities:

Design, Coding, prepared unit test cases, and unit testing

**ZED view**

Client : Siemens Medicals

Organization : Siemens

Role : Team Member

Responsibilities : Design, Coding, prepared unit test cases, and unit testing

Technologies : C++, VC 6.0, OpenGL, MFC , DICOM (File format)

Description:

The 3D reconstruction and measurement software is configured with two modules. The first module extracts the contour associated with user specified intensity on the sequence of 2-Dimensional image slices in Z-direction such as CT and MRI medical images. The second module reconstructs 3-Dimensional polygon data from 3D stack of the above 2D slices and measures area, length and volume. The converted polygon data and the contour lines are displayed respectively or together on the screen using OpenGL rendering methods. The displayed 3D objects are stored as animated AVI, STL and DXF file formats.

Responsibilities:

**Personal Details:**

**Date of Birth** : 07/09/1979

**Marital status** : Married

**Sex**  : Male

**Permanent Address :** December

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Kerala, India –673005

Phone: 0495 2390622

**Present Address :** Flat No 201, Sai Deep Helicon,

29th Main Cross ,Kaggadasapura

Bangalore

**Passport Number :** K6699262 (US Business Visa till 2020)