CISSI TONY

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PROFILE

Lead Software Engineer with 11+ years of experience in product design and development using C++, MFC, Windows, Linux, and SQL. Demonstrated designing of world-class systems and implementing processes that consistently enhance customer satisfaction. In-depth knowledge of various design, process planning, and proto-development techniques. Analytical problem solver with solid communication, relationship building and organizational skills.

education

PUNE UNIVERSITY – Pune, India

**Master of Science in Computer Science** 2005

**Bachelor of Science in Computer Science** 2002

TECHNICAL SKILLS

C | C++ | MFC | VC++ | Windows | Linux | Macintosh OS | Microsoft Visual Studio | SQL Developer

ClearCase | Putty | Mercury Quality Centre | XML Code Warrior | Quark Xpress

professional experience

HCL Technologies Pvt. Ltd. – Chennai, India Mar 2011 – Feb 2017

**Lead Engineer**

Klarity Defect Project – 6 years

*Environment: Windows, Linux, Microsoft Visual, MFC, C++, C, Oracle 10i, SQL Developer, ClearCase, Putty*

Automated inline defect analysis module and data management system that collected defect data and images in real time from multiple sources throughout fab.

• Handling requirements gathering, contributing to document and code review.

* Please share your updated resume to jittysanjuqtv@gmail.com various features to enhance performance and statistical analyses, including heap maps, OpenMP, wafer summary node, die stack gallery node, DieX, DieY, and Inspected Die.
* Exported wafer map to Excel file for further modification to optimize analytical process.
* Refactored code to include design patterns and created prototype for major features.
* Introduced additional features maintaining backward compatibility and reusability of existing code.
* Mentored new team members, conducting training on OpenMP and design patterns.

Tata Consultancy Services Pvt. Ltd. – Chennai, India Sep 2009 – Jul 2010

**Consultant Senior Software Engineer**

First Watch Intelligence (FWI) Project – 10 months

*Environment: Windows, Microsoft Visual, MFC, C++, C, Oracle 10i, SQL Developer, Mercury Quality Centre,*

*Harvest Mainframe*

Application used by Chase Card Member Services Customer Security Operations representatives to resolve customer issues in real time.

* Developed module to enhance front-end application and fixed defects.
* Created modules for suite of call center applications used by Fraud/Recovery Prevention Department.

Patni Computer Systems – Pune, India May 2007 – Mar 2009

**Senior Software Engineer**

Scan Module and Validation Tool (SMVT) Project – 8 months

*Environment: Windows, Microsoft Visual, MFC, XML*

Verified changes in structure of medical device equipment system after virus search. Features included install/uninstall packager, validator, updating program for scanning module, and verification reports.

* Participated in study phase of Microsoft Message Queuing (MSMQ).
* Enabled reading and writing to INI file and XML file using DOM parser.
* Initiated and monitored antivirus scan.
* Implemented UI settings, file and registry validations, and report display following verification.

professional experience

Patni Computer Systems – Pune, India *Continued*

**Senior Software Engineer**

MRSetting Tool Project – 3 months

*Environment: Windows XP, Microsoft Visual C++, MFC, XML*

Stored related information in XML file and displayed for user in list box with up to 10 columns. Imported/exported data to CVS file format, including patient information like registrations and appointments.

* Enabled supporting of format type 1 cells (simple text) and format type 2 columns (check boxes).
* Designed modification using up and down arrow.

MPlusSrvUpdateInformation Project – 6 months

*Environment: Windows XP, Microsoft Visual C++, MFC, XML*

Read and parsed INI and TXT to dynamically display information of installed software/hardware/firmware. Plug-in DLL supported reading of update records from multiple information files and displayed in update info list.

* Enabled reading of information from TXT file when cell was selected and displayed in edit control.

MPPSServer Module Project – 6 months

*Environment: Windows XP, Microsoft Visual C++, MFC, XML*

Single server received data from Planmed MG client application. Managed and converted data to acceptable form for MPPSAgent responsible for construction and delivery of MPPS IODs (N-CREATE and N-SET) to DICOM MPPS SCP.

* Involved in analysis and design, creating test harness document and test program for unit testing of module.
* Participated in repairing CRs reported by client.

Sansui Software Pvt. Ltd. – Pune, India Mar 2005 – Apr 2007

**Senior Software Engineer**

PublishNow! Project – 6 months

*Platform: Windows XP, Macintosh OS 10.4, Code Warrior 9.0, Microsoft Visual C++, Quark XPress 6.5*

Used QuarkDDS server to provide access to QuarkXPress content and a subset of feature set in server environment. Enabled typographical and layout features typically only available in QuarkXPress desktop application, along with access to content stored in QuarkXPress documents.

* Developed new jobs for approval and completed required enhancements.
* Created client and server side for composite page templates, as well as JPEGs, EPSs, and PDFs of final product.

FlexiFit Project – 6 months

*Environment: Windows XP, Macintosh OS 10.4, Code Warrior 9.0, Microsoft Visual C++, MFC, Quark XPress 6.5*

Assembled pages automatically from print-ready XML files with images from image library using XTensions to specify detailed rules for copy fit, flow, and image scaling/cropping.

* Designed product and page templates using Quark Xpress, including complex tables, and exported XML templates with tags and headers for processing by DTE.
* Set different rules for fitting text and flowing images into box.

Quark HTTP Project – 10 months

*Environment: Windows XP, Macintosh OS 10.3, Code Warrior 8.0, Microsoft Visual C++, MFC, Quark XPress 6.5/4.11*

Enabled connection to digital asset management (DAM) system, retrieving and archiving assets from layout application. Supported simple and Boolean searches and allowed dragging/dropping of asset. Made picture metadata available with image thumbnail, enabling editing of original images without switching application and searching within lightboxes in DAM system from pagination software.

* Used XTension to handle requests for user authentication, search palette, preferences, and uploading and downloading of Quark document.