ANITHA NESA KUMARI

Member of Technical Staff (Software Developer - IC2) – Oracle Cerner

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Software Professional with 16+ years of experience in Software Development, Maintenance and Support. Expertise in C++, VC++(MFC), COM, OCX, C#, python, JavaScript, etc. Experience in working with RDBMS systems like Oracle, SqlServer. Good in crash dump analysis with Windbg. Effective in Working Independently and also collaboratively with teams. Mentored Juniors to contribute effectively.

Education

- Master of Computer Applications - MCA,
  Madurai Kamraj University, Madurai
  Jun 1998 - May 2001

- Bachelor's degree, Physics
  Women's Christian College, Nagercoil - 629 001
  Jun 1995 - May 1998

Skills

- Mainly worked on Desktop applications with VC++ (MFC), COM, OCX and C#. Have worked on Interop with RCW and CCW.
- Currently working with Web based Application with JavaScript, Python, C# and JAVA.
- Worked on RDBMS like Oracle and Sql Server.
- Have worked on crash dump analysis using Windbg and used tools like AppVerifier.

Accomplishments

- Night on the Town Award – From Oracle Cerner in 2020
- Oracle Cloud Infrastructure 2024 Certified Foundations Associate

Work Experience

1) Cerner Health Care (May 2018 – July 2025)

a) Project: Framework Enhancement

Domain: Health Care; **Technology:** JavaScript, Python, C#, Java

Automating Root Cause Analysis as a web-based application. Adding New Features to the existing Framework Parsing applications.

b) Project: Stability

Domain: Health Care; **Technology:** VC++, MFC, COM, OCX, C#

Description:
Stability project involves in the investigation of the crashes and hangs that occurs in the client place to improve the stability and user experience of the Millennium solutions. Investigation involves finding the root cause of the crash and hang and suggesting the probable solution.

Role: Individual Contributor. Analysing Crash dumps, Finding the Root cause and Suggesting Probable fix.

2) HCL Technologies (January 2011 – July 2015)

a) Project: Boomerang

Domain: BFSI; **Client:** UBS**, Technology:** VC++, VB, COM, Sybase

Description
Boomerang is a trade booking/management application mainly for OTC trades. It captures, maintains and executes trades. It has a number of trading products. The implementation of each product is in a separate DLL. It imports/exports trade details to text files.

b) Project: Molly Software (MBE System Software)

Domain: Semiconductor; **Client:** Veeco**; Technology:** C#

Description:
Molecular Beam Epitaxy is a technology used in SemiConductor domain (eg. to make wafers for SemiConductor devices like LED). Molly is the Growth Control Software used to interact with Veeco MBE systems. The three main Applications of the MBE System are Molly, IOC (Input and Output Control) and Platen Management Software. Some of the Utility Softwares for Molly are Configuration Editor, Recipe Editor, IOM Editor, IOC Terminal etc.

c) Project: Konica Minolta PageScope Direct Print

Domain: MFP; **Client:** Konica Minolta; **Technology:** VC++(MFC)

Description:
PageScope Direct Print(PSDP) application gives print setup support to Konica Minolta Printers. The main modules in this application are Adding KM Printers to the system, Device Settings (Printer Configuration Settings) and Job Settings. Conflicts in Device and Job Settings are done through 'ini' files. Multi Language support (Currently in 9 languages) is provided through separate resource files. PSDP help is provided in two forms (Win help and HTML help).

Role: Individual Contributor. Enhancements, Bug Fixing, Unit Testing and Documentation

3) Apex Decisions (July 2009 – March 2010)

Project: Apex Retail Software

Domain: Retail**; Technology:** VC++, COM, ADO, SQL Server

Description:
This project aims at developing and maintaining product for retail domain meant for increasing the sales and net profit by measuring the impact on sales based decisions like Mark down level, Promotional Price Discount, etc. The main modules in the project are Integration, Calibration, Forecasting and Optimization.

Role: Individual Contributor. Enhancements, Bug Fixing, Unit Testing and Documentation.

4) Logica (October 2008 – April 2009)

Project: Treserva

Domain: HealthCare; **Technology:** C#, MFC Programming, Oracle, SQL Server, ADO .Net, XML

Description:
This project aims at developing Healthcare product for municipalities in Sweden. The developed system helps in providing financial assistance, elderly care and health care for people in Sweden. The main modules of the project are in-tray, case, investigation, decision, measures, assigning cases to health care organizations for financial assistance, housing, etc. The product developed in this project uses Singleton, Factory, Façade and MVC patterns. The various modules are developed in C# and MFC. The MFC modules communicate with C# modules through adapters developed and managed in C++.

Role: Individual Contributor. Enhancements, Bug Fixing, Unit Testing and Documentation.

5) ARIS GLOBAL (November 2006 – September 2008)

Project: Clinical Safety and Pharma co vigilance

Domain: Pharma; **Technology:** VC++, Oracle

Description:
This project aims at developing software for Clinical Safety and Pharma co vigilance. The software offers Adverse Event Management and Reporting and facilitates the entry and assessment of cases received, preparing the cases for regulatory reporting – either electronically or via traditional reporting methods. The main modules in this project are Data Entry, Workflow Server, Report Server and Distribution Server.

Role: Individual Contributor. Enhancements, Bug Fixing, Unit Testing and Documentation.

6) SIEMENS (July 2004 – February 2006)

Project: Simulation Projects – Ultrasound Sequoia Machine

Domain: Medical; **Technology:** VC++, XML, Jscript, C#

Description:
The product helps in ultrasound imaging for obtaining images through the use of high frequency sound waves. The reflected sound wave echoes are recorded and displayed as real time visual images.

- Setup UI – Setup Pages are used on the Sequoia Ultrasound machines for configuring user and local machine settings. For each of the Setup pages, a UI is designed to link to the rest of the pages.
- Generic Application Architecture (GAA) – GAA is an infrastructure project that provides a common framework for execution of 3rd party or Siemens applications on multiple Ultrasound platforms. The GAA uses preset platform adapters that enable a mechanism for third party applications to be able to query the loaded preset parameter values.

Role: Individual Contributor. Development, Enhancements, Bug Fixing, Unit Testing and Documentation.

7) Aeronautical Development Agency (December 2002 – November 2003)

Project: Display Page Development and Motion Cue Simulation

Domain: Aeronautical; **Technology:** VC++, MFC, Oracle

Description:
The project deals with designing an interactive tool to be used at CEF to evaluate the cockpit controls and displays of Combat Aircraft. It has unique characteristics that allow designs to be executed immediately which in turn provides an ability to rapidly demonstrate and evaluate prototypes of new concepts in the very early stages of development.

Role: Individual Contributor. Development, Enhancements, Bug Fixing, Unit Testing and Documentation.