Sivaji Chimmiri

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OBJECTIVE: Looking for a challenging career in an organization where I can implement my technical and analytical skills in building State-of-Art software in a highly competent environment.

SYNOPSYS:

- 10+ years of experience in software development on full life cycle projects using **C, C++** and object oriented methodologies on Linux, windows environment.
- Worked on **waterfall, agile** methodology .
- Experienced in different phases of software development life cycle including requirement analysis, design, development, Unit and Integration testing and system documentation.
- Application Development experience using VC++ (MFC) on windows environment**.**
- Involved in code review and design document review
- A good team player, with excellent communication skills.
- Knowledge on Win32 Applications using Visual C++(COM).
- Experience in threads and ipc mechanisms, data structures.
- Worked on socket programing implementation.
- Experience in idea producing and implementing and design patterns.
- Worked on the protocols like SNMP,HTTP,FTP.
- Designing HLD, LLD documents.

SKILLS:

OPERATING SYSTEMS	**Linux**, WIN.DOWS.
PROGRAMMING LANGUAGES	C, C++,VC++ (MFC,) ,COM,python
INTERNET TECHNOLOGIES	HTML, XML,SHELL
DATABASES	SQL Server, MySql
TOOLS	Visual Studio 2019, Visual Studio 2010 ,Visual Studio 6.0, Linux,
DESIGN TOOLS	MSVisio
CONFIGURATION MANAGEMENT	Accurev ,Clear Case, Git

EDUCATION:

Master of Computer Applications from **Osmania University, India.**

PROFESSIONAL EMPLOYMENT

Currently I am Working with INTEL INDIA PVT LTD from August 2021 to till date.

Project1: SmartScalingApplication.

Role: System and Software Optimization Engineer

Time Period: August2023 – till date

Technology: C,C++,INF windows Drivers.

Tools: Git, Visual Studio 2019.

Client: **LENOVO,DELL,ASUS**

About:

Smart scaling application operate the system state of charge (SoC) at optimal power levels to maximizes the Battery life, reduces the skin temperature and fan noise. SS APP will scale to save the power, performance during heavy Workloads running on the system. Some of the regular workloads like teams' call consume the power based defined boundaries which leads to more usage on the batter life. This tool will try to optimize power based on needed during the usage of workload.

Responsibilities:

- Analysis and design the requirements.
- Implementation INF drivers.
- Creating the service application and call from the INF drivers.
- Prepare unit test cases and perform unit testing
- Code review
- Defect/Bug fix
- Handling critical show toppers and ensure their resolution
- Documentation for stakeholders.
- SDLE clearance for INF drivers, Service application .
- WHLK certification for Smart Scaling drivers .

Project2: Fan tuning Tool

Time Period: August2021 – 2023.

Technology: C,C++,Node js.

Tools: Git, Visual Studio 2019.

About:

Fan tuning utility is a power and performance measurement tool. It can be also used for fetching thermal data.
The purpose of this tool is to measure the fan speed and temperature on every second, based on this tool temp vs fan speed delta customers can optimize the fan table for each platform based on the data deviation.
We are also providing the graph representation for temp vs fan speed to the customer based on the duration selection.
This tool is capable of capturing all the CPU, GPU power and thermal information like temp, fan speed, skin temp, sensor temperatures, power limits.

Responsibilities:

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- Analysis and design the requirements.
- Implementation of backend code.
- Prepare unit test cases and perform unit testing
- Code review
- Defect/Bug fix
- Handling critical show toppers and ensure their resolution
- Documentation for stakeholders
- SDLE clearance activities.

McAfee Software India Private Ltd

Project1: McAfee Real Protect:

Role: Sr. Software Developer

Time Period: September2019 – August 2021

Technology: C, C++, Python.

Tools: Git, Visual Studio 2015.

About:

McAfee Real Protect:

McAfee Labs Real Protect is a real-time behavior detection technology that monitors suspicious activity on an endpoint. Real Protect leverages system learning and automated behavioral-based classification in the cloud to detect zero-day malware in real time.

My primary Job role Involved in Product delivery, New feature development & bug fixing.

Responsibilities:

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- Analysis and design for new requirements.
- Features implementation for scan modules
- Prepare unit test cases and perform unit testing
- Code review
- Defect/Bug fix
- Handling critical show toppers and ensure their resolution
- Documentation for stakeholders
- UT Automation design

Aricent Technologies Pvt Ltd

Project1: System Tools Trace

Role: Sr. Software Engineer

Time Period: April2018 – August2019

Technology : C,C++,socket programing,sql

Tools: Git, Visual Studio 2012,Linux,SUSE12.

Client: **INTEL**

About:

    A unique tool which captures live system traces and display their contents on GUI. Traces generated from modem are captured using the tool and the messages are decoded to display their meaningful contents. The application is supported in different operating system Windows, Linux & MAC OS.

Responsibilities:

- Develop modules/functionalities as per the requirements in C, C++.
- Analyse application performance and look through code to improve it further
- Experience of integrating 3rd party library to the application, statically and dynamically
- Implemented features like coredump collection with adapting download tool
- Prepare unit test cases and perform unit testing
- Socket programing implementation for dashboard feature
- Code review
- Defect/Bug fix
- Handling critical show toppers and ensure their resolution
- Documentation for stakeholders
- Working on SUSE operating system for product deliverables.
- Working experience on multiple OS like Windows, Linux and Mac OS

Oracle India Pvt Ltd

Project 1: JD Edwards Enterprise One world

Time Period: April 2015 – April 2018

ORACLE India pvt Ltd.

Designation: Senior Software Engineer

Technologies: C, C++,STL,SQL,clearcase,Linux,VS 2008

Description:

OneWorld is the Enterprise Solution offered by J.D. Edwards . OneWorld is an ERP (Enterprise Resource Planning) solution that addresses most or all of the functional requirements of the customers. These functional requirements are addressed through different 'Modules/Applications' within OneWorld e.g. Accounts Payable, Accounts Receivable, General Ledger, Sales etc and also customer use the interactive and batch applications to get the final data results.

To support the development and proper functioning of these applications and the toolsets used, OneWorld has a basic framework(CNC) within which all these applications and toolsets reside and perform. Here different set of toolsets like DB interface, java interface and foundation level interfaces collectively work together to run the enterprise applications for customers across the globe.

Responsibilities:

- Worked on the advanced CFR configuration setup implementation.
- Worked on ODA and DAD server enhancement and support for different environments.
- Worked with different country clients
- Involved in reviewing the code and promoting the code.
- Worked on DB interface level implementations for different environments like windows/linux/as400/DB2.
- Worked on implementing define data plan applications and other applications.
- Involved in story point boarding meetings.
- Involved in setting up of different types servers and clients like enterprise, deployment and FAT clients.
- Worked on delivering POCs to customers on different environments.
- Participated in ideathon activities for new innovations.
- Scrum master activites.
- Implemented longuserid password feature.

Hcl Technologies Pvt Ltd

Project 1: Discovery 1, Discovery 2

Time Period: May 2012 – August 2014

Client: Xerox

Designation: Lead Engineer
Technologies: C, C++,vc++, SNMP, XML,MFC

Description:

XEROX Corporation is a global supplier of end-to-end solutions for office automation products. XEROX designs, manufactures and markets Multi Function Printer (MFP) throughout the world.

This project deals with multifunctional printers which are capable of providing services as office printer. It performs all the services like copy, scan, print and fax. Here specifically three modules speak how workflows from input to output those are XUI, NC, CCS. Users can select the services from LUI, WebUI and SNMP is admin prospective, once you select the service XUI is responsible to generate the XML and it send to the NC via LAMBS protocols, once NC and CCS communicate via LAMBS protocol and final output generated is XML.

Responsibilities:

Discovery 1

- Involved in creation of usecase and sequence diagrams.
- Design and develop the code for Bookcopy, addressbook.
- Testing the code using CXX –Unit testing.
- Testing the code using fitness – automation testing.
- Involved in Bug fix for NC module.
- Involved in story point boarding meetings.
- Code implemented for NC,CCS modules.
- Involved in package fusing in MFP using Netboot, Altboot procedures.
- Creating the workspaces and promoting code using Accurev.
- Involved in retrospective meetings. Involved in automation tests using ruby language.

Discovery 2

- Involved in the requirement study for various changes given by the customer in the different standard of the product.
- Developed Design document and updated in XEROX wiki page.
- Developed C++ wrapper classes for printer features.
- Developed sequence plugging software for parsing the XML.
- Developed Unit test cases for the MFP features.
- Developed Automation test cases for MFP features.
- Fixed the bugs and tested the Products in different environment setup to resolve it.

4. Image Viewer

Time Period: May 2010 to till May 2012

Client: Xerox

Designation: Test engineer.

Technologies: C++, VC++,MFC, COM

Description:

Image Viewer is an application similar to windows explorer. It contains Tree view area to display all the directories in the system in a hierarchical way and list view displays all the thumbnails of the image files.

The Image Viewer provides a detachable thumbnail view as well as slide show and full screen slide show functionality that provides for the optimum viewing experience no matter how you wish to view the digital images. One new feature of the Image Viewer is the JPEG Resize function. Usually images are over a megabyte in size, it can be very difficult to email digital photos. Now, with just a click of the mouse, the Image Viewer can resize an entire directory of digital images to much more manageable sizes that are suitable for emailing. And, the newly resized images can be saved to a separate directory so that your original images are unaffected by the changes

Responsibilities:

- Studied the various use cases assigned to me.
- Prepared the detailed Design Specification, functional specification for the Modules assigned.
- Have prepared the design documents for the given use cases.
- Have participated in Use case & design review meetings.
- Design and develop Thumbnail Area, List View Area, Custom Combobox with auto complete functionality, Image Window Area etc.,
- Writing manual test usecases.
- Testing the features and updating the XL reports
- Training on vc++,MFC,COM

REFERENCES:

Will be provided upon request.