**Kalaiarasi S**

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**JOB OBJECTIVE**

 Seeking a challenging Professional environment that encourages continuous learning and creativity, providing exposure to new ideas, stimulating the professional and personal growth.

**PROFESSIONAL SYNOPSIS**

* Having **6+ years** of experience in the areas of Operations and designing **CAD\CAM** and **Semiconductor** domain in **C++ and VC++ (MFC)** languages.
* Worked as **Lead Engineer** with **HCL Technologies, Chennaifrom Aug 2013 – May 2017.**
* Worked as **Software Analyst** with **Srinsoft Technologies** **Private Limited, Chennaifrom Aug 2011 - Aug 2013.**
* Worked as **Junior Software Engineer** with **Precious Microtech** **Private Limited, Chennaifrom June 2010 - July 2011.**
* Proficient in developing procedures, service standards for business excellence.

**TECHNICAL SKILLS**

Preferred Areas : **C++, VC++ MFC, STL**

Development Tools : Microsoft Visual Studio

Platforms : Windows XP, Windows Server 2003, Windows Server 2008 and Windows 7

**ACADEMIC CREDENTIALS**

* Completed Bachelor of Engineering **(B.E.)** in **Electrical and Electronics** Engineering with aggregate percentage of **76.3%** from **M.Kumarasamy college of Engg**., Tamilnadu affiliated to Anna University in 2009.
* Completed Higher Secondary Examination with percentage of **84%** from S.S.V Hr Sec School, Erode, Tamilnadu in 2005
* Completed SSLC Examination with percentage of **95.8%** from S.S.V Girls High School, Erode, Tamilnadu in 2003.

**PROJECT EXPERIENCE**

1. **Project:** E-Beam Review

 ***Client*: KLA-TENCOR**

 **Description:** E-Beam Review System, also called as Ranger is a software application for Semiconductor wafer reviewing tool. It reviews the defect list provided by the inspection tool, reviews and does analysis and classifies the defect according to the various defect classes and this in turn produces a result file which is used further by the inspection tool for production

 **Phase**: Development Phase.

**Role**: Developer and Unit testing

**Duration**: Aug 2013 – May 2017

***Technologies***: Microsoft Visual Studio 2010 and 2013, C++, VC++, C#

**Team Size**: 6

***Responsibilities:***

* Analysing and design
* Implementation of new functions by customers' request
* Resolving the cases raised by user within the time. Proactively resolve the cases.
* Providing the modules with right solutions within the set deadlines
* Unit Testing and Bug Fixing
1. **Project:** IPlus

 ***Client*: Intellicad Plus, France**

**Description:** This project is developed to recreate visual lisp functions available with AutoCAD in Intelliplus software. Intellicad Plus software is CAD software which is used to design objects in 2D and 3D. We implemented the lisp functions which are same like auto lisp in AutoCAD using C++, VC++ and DwgDirectX in Microsoft Visual Studio 2008.

 **Phase**: Development Phase.

**Role**: Developer and Unit testing

**Duration**: March 2012 - Aug 2013

***Technologies***: Microsoft Visual Studio 2003 and 2008, C++

**Team Size**: 3

***Responsibilities:***

* Analysing and design
* Implementation of new functions
* Unit Testing and Bug Fixing
1. **Project: Revit Interface for Creo(PTC Pro/Toolkit)**

 ***Client*: PTC, USA**

 **Description**: This project is a developed with Microsoft Visual studio 2010 VC++ application which performs operations such as extracting the existing part/assembly from Creo and transforming all the details to XML's. Creo ProTool Kit API's are used to extract the details. Here all MFC events are handled and it uses 32 bit application so it performs all the operations in a fast manner. This software helps to convert the existing part/assembly to Revit.

 **Phase**: Development Phase.

**Role**: Developer and Unit testing

**Duration**: Aug 2011 - March 2012.

***Technologies*** : Microsoft Visual Studio 2010, C#, C++, Multithreading and Creo API

**Team Size**: 8

***Responsibilities:***

* Analysing and design
* Done coding for exporting creo file
* Unit Testing and Bug Fixing
1. **Project:** GemDeMarc

 ***Client*: Titan, Bangalore**

 **Description**: GemDemarc is a complete automation solution for the Gem Stone and Diamond colour sorting. Gem stone is a natural element. As all natural elements have distinction in their property No two Gem Stone are alike. This machine identifies the similarities with its intelligent vision system software. User puts the stone into the hopper and it gets fed in to the colour analysis system and automatically puts the stones of similar shades in to various bins.

 **Phase**: Development Phase.

**Role**: Developer and Unit testing

**Duration**: Jan 2011 - July 2011

***Technologies*** : Microsoft Visual Studio 6.0, C++, MFC

**Team Size**: 5

***Responsibilities:***

* Implemented Image processing method
* Unit Testing and Bug Fixing
1. **Project:** STL File Import

 ***Client*: Titan, Bangalore**

 **Description**: This is the plug in for importing the design file which is in .stl format in Precious Cad software. Precious cad is jewel cad software which is mainly used for jewellery design. The design file imported by Precious Cad is created by other cad software. The .stl file is read and displayed in view using Precious Cad software.

 **Phase**: Development Phase.

**Role**: Developer and Unit testing

**Duration**: October 2010 - December 2011

***Technologies*** : Microsoft Visual Studio 6.0, C++, MFC

**Team Size**: 2

***Responsibilities:***

* Implemented the import class
* Unit Testing and Bug fixing

**PERSONAL DETAILS**

**Date of Birth** : 23rd June 1988

**Address** : 27H, Ananya Krishna Apartment,

 P T Rajan Salai, K K Nagar,

 Chennai-83

**Languages Known** : Tamil, English

**PLACE:** CHENNAI

**DATE:**

(KALAIARASI.S)