SUCHITHRA CHANDRASEKARAN

SOFTWARE DEVELOPER







8, Lakshmi Colony extension, Keelkattalai, Chennai-600117, India

+91-9025473887

suchithrac@gmail.com

EDUCATION

B.E.,(Computer Science and **Engineering**)

Sri Sairam Engineering College, Anna University / Chennai / 2007 77%

HIGHER SECONDARY

Holy Family Convent Matriculation Higher secondary School / Chennai / 2003 89%

HIGH SCHOOL -MATRICULATION

Holy Family Convent Matriculation Higher secondary School / Chennai / 2001 87%

Researching, designing, implementing, and managing software programs. Testing and evaluating new programs.

WORK EXPERIENCE (4 years)

Pramura Software Pvt Ltd

Jul 2021 – Feb 2022 Coimbatore

SOFTWARE CONSULTANT **SmartDesigner PCB Tool**

Packages: Visual Studio 2019 Smart Designer PCB Tool is a professional Power Circuit Board design package with intuitive UI facilitating hassle-free designing of any commercial application like Auto and Manual Routing, DRC and Gerber file output. Developed features for the software tool using VC++.

HCL Technologies Jul 2010 - Aug 2011

Chennai

MEMBER TECHNICAL STAFF

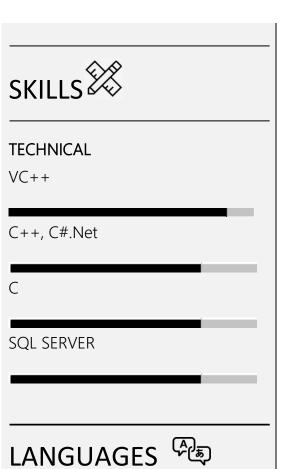
ATLAS CD

Client: KLA- Tencor

Platform/Packages: VC++, C#.Net, SQL

Server, Clear Case

AtlasCD is the software project based on the COMET common metrology software platform that extends it to enable CD (Critical Dimension) measurements. AtlasCD provides software platform to SpectraCD-XT/XTR. SpectraCD-XTR is a production-oriented critical dimension (CD) and profile



Native

- Beginner

Business fluent

TAMIL

HINDI

ENGLISH

Central Electronics Engineering Research Institute (CSIR) Jul 2008 – Jun 2010

Chennai

spectroscopic ellipsometry to measure CD and profile for two-dimensional and three-dimensional grating patterns. SpectraCD-XT is KLA-Tencor's 2nd-generation spectroscopic CD (SCD) tool. The tool is also capable of performing thin film (TF) measurements, although this is not its intended use.Designed and developed utilities for the Atlas CD software tool using VC++ and SQL Server.

system.

The

system

uses

PROJECT ASSISTANT

measurement

Development of Embedded System for Biscuit Inspection

Platform/Packages: C, VC++, Code Composer Studio, MS Access, Crystal Report
The development of Biscuit Inspection System project at CEERI Centre, Chennai sponsored by the Department of Science and Technology. aims at building a Machine Vision System which checks for the quality of biscuits based on color and dimensions. Developed the program for TCP/IP communication between a DSP based Smart camera and a PC using VC++ to transfer the data between smart camera and the host PC

Apple Grading System

Platform: VC++ and MS Access.

Based on the acquired image of apple in the real time environment, the color, size and shape of the apple are derived using image processing algorithms, grading of apple is done.

The program for storing and retrieving the graded data to and from the MS Access database through VC++ application was developed.