

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

SKILLS

TECHNICAL

VC++

C++, C#.Net

C

SQL SERVER

LANGUAGES

- TAMIL - Native
- ENGLISH - Business fluent
- HINDI - Beginner

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

measurement system. The system uses 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.

PROJECT ASSISTANT

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.