Amar Koli



House No–308, Nagla Bunder, Post Kasarvadavali, G.B.Road, THANE, MAHARASHTRA-

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# Professional Summary

•Total IT experience of 3 years 6 Months in Microsoft Technologies.

•Well versed with the Software Development Life Cycle(SDLC), actively involved in all the phases includes software development.

•Experience in Design, Development and Deployment of C++, MFC, SQL, LEADTOOL.

•Hands on experience of C++, MFC, LEADTOOL, SQL.

•Good knowledge of SDLC.

•Well aware of SDLC methodologies like Waterfall model.

•Team player and effective communicator with strong analytic, problem solving and organizational abilities.

# Employment Details

Jr. Software Developer, From December 2019 to Present – Textronics Design Systems(I) Pvt. Ltd. Navi Mumbai

Internship

Jr. Software Developer, From January 2019 to June 2019 – Sushma Technology Pvt. Ltd. Thane

# Core Competencies

Languages: MFC, VC++, C, C+ +, C#

Database: Microsoft SQL Server 2012, MySQL

Project Management Tools: Team Foundation Server

Library Tools: LEADTOOL, STL

Development IDE Tools: Visual Studio 17, Visual Studio 19, VS Code.

Platforms: Windows XP/7/8/8.1/10/11

# Education

Master of Computer Applications (MCA):2019

ASM Institute of Management & Computer Studies – Mumbai, MH

CGPA: 6.64(Mumbai University)

Bachelor of Science (Computer Science):2016

Dnyanasadhana College – Thane, MH

Percentage: 53.61% (Mumbai University)

HSC:2013

Dnyanasadhana College – Thane, MH

Percentage: 48% (Maharashtra Board)

SSC:2011

Adarsh Vidya Mandir – Thane, MH

Percentage:73.64% (Maharashtra Board)

# Work Experience

**Design Dobby**

Textronics Design System Pvt Ltd, New Mumbai

TECHNOLOGY: C++/VC++, MFC, SQLITE DATABASE, SQLSERVER, STL(MAP,

MULTIMAP, LEADTOOL (16.04)

ROLE: JR. SOFTWARE DEVELOPER

RESPONSIBILITIES: REVIEW REQUIREMENT DOCUMENTS, EFFORT ESTIMATION. CODING, CODE REVIEW, AND UNIT TESTING OF DIFFERENT MODULES.

DESCRIPTION:

•Design Dobby is CAD/CAM-related software used for Yarn Dyed and Dobby Woven Fabrics. It provides Facilities like weave functionality, automizes Pattern creator, Yarn development, simulation view, page setup, production data, creates designs report, design dobby database, etc. Designer allows to create a design, visualize and execute in real time and create the perfect simulation.

•By Using LeadTool we are performing image processing on images. We work with image raw data to generate simulation which is main output of our product.

**Design Jacquard**

Textronics Design System Pvt Ltd, New Mumbai

TECHNOLOGY: C++/VC++, MFC, SQLITE DATABASE, SQLSERVER, STL(MAP,

MULTIMAP, LEADTOOL (16.04)

ROLE: JR. SOFTWARE DEVELOPER

RESPONSIBILITIES: REVIEW REQUIREMENT DOCUMENTS, EFFORT ESTIMATION. CODING, CODE REVIEW, AND UNIT TESTING OF DIFFERENT MODULES.

DESCRIPTION:

•Design Jacquard is CAD/CAM – related software used for Yarn Dyed and Jacquard Woven Fabrics. It provides Facilities like Weave Creation, Weave Mapper, Simulation of Fabrics, Page Setup, etc.

•The Jacquard machine is a device fitted to a loom that simplifies the process of manufacturing textiles with such complex patterns as Brocade, Damask and Sarees etc. By using Textronics jacquard user can create big pattern designs very easily with loom files.

**3DImageDll**

Textronics Design System Pvt Ltd, New Mumbai

TECHNOLOGY: C++/VC++, MFC, STL (MAP, MULTIMAP, VECTOR), GLTF-SDL LIBRARY

ROLE: JR. SOFTWARE DEVELOPER

RESPONSIBILITIES: SOLVING CLIENT ISSUES AND DO WORKING AS PER REQUIREMENT.

DESCRIPTION:

•3DImageDll is a MFC Dll, which is Useful for Creating Gltf files using GLTF-SDK Library.

•In this Dll We use Leadtool for image processing. With the help of leadtool we find out alpha of images, create alpha images, then accessing image data also resize images.

# Personal Details

Date of Birth: 1st February 1996

Gender: Male

Languages Known: English, Hindi, Marathi

Hobbies: Playing Football, Table Tennis, Cricket and Swimming.