**VASA KIRAN KUMAR**

Mobile +91-9989885350 **:** E-mail: [vasa.kirankumar@hotmail.com](mailto:vasa.kirankumar@hotmail.com)

# Career Objective:

To secure a challenge position where, I can contribute my skills and which provides me an opportunity to grow along with the originations

# Professional summery:

* Associated with **Invilogic Software Private Limited, Hyderabad** as Design Engineer with from July 2014 to till date.
* Experience in Design and Development of Knowledge Based Engineering Automation Products through Windows API.
* Good knowledge in GD&T and Wiring Harness.

# Software Skills:

CAD : Auto Desk Inventor, Creo 2.0, Solid Edge ST8, CATIA V5

MS Package : Office packages.

Programming language : Basics of C, C#

# Career Contour:

# Project #1

Title **:** Auto Lead

Client **:** SGB - SMIT, GmbH, Germany.

Tools **:** Solid Edge ST8, SQL for Data base and C# for Programming.

Duration **:** Aug-2015 to till date

Team Size **:** 13 Members

**Role:**

* Design of Transformer assemblies like Active part, LV and HV Wooden Structure, Lead Exits, Tap Changer based on parametric relations.
* Involved in creating HV and LV side Beginning and End Leads to respective bushings and Tap changer for both Radial and Axial Orientations.
* Based on Voltage capacity and size of Transformer, Leads are designed in such a way it has to follow shortest path to reach its respective circuit connections.
* Leads are designed through C# coding to avoid Interference and to maintain clearance distance between them.
* Application module testing to generate the Top Level assembly, sub-assemblies, and drawing sheets to calculate all the Leads’ Length based on the customer’s Input for various angle, Position and Conductor dimensions

**Project #2**

Title : Float Glass Furnace Design Automation.

Client : Teco - Toledo Engineering Co., Inc. (U.S.A)

Tools : Autodesk Inventor 2015 and C# for Programming.

Duration : jan-2015 to july-2015

Team Size : 4 Members

**Role:**

* The aim of the project is to automate the glass furnace (Melter Wall, Throat & Refiner Wall) with maximum no of standard brick which is using by the company and the remaining gap must be filled with non standard brick.
* The modeling is based on parametric modeling.
* Modeling of standard brick, refractoryes and insulation materials which are used by the company for required length of the melter and collent.
* 2D drafting of total furnace assembly with individual sub assemblies and parts.

# Training period:

Duration : July -14 to December -14

**Things learned:**

* Basic design standards like different types of company standards, GD&T, Welding Symbols etc.,
* Learn Creo 2.0 complete 3D parametric modeling, pro-programming and drafting.
* Parametric modeling in Auto Desk Inventor 2015.

# Internship:

**Internship #1**

Company : New Tech Industries, Chennai.

Products : Cnc Turned Components.

Duration : 5 Months (July-2013 to November -2013)

**Role:**

* Programmer and operator of CNC Lathe machine (FUNIC).
* Learn using of different type of quality testing machines.

**Internship #2**

Company : Vizag STEEL PLANT.

Department : WRM

Duration : 1 month (may-2012)

**Role:**

* To study how different manufacturing processes are going on like casting, forging, rolling, wire Edm etc.

# Academic Projects Description:

* **Modeling of lathe attachment used to perform milling operation**: It helps to perform milling operations on turning machines which in generally not possible.
* **Micro power generator by Bi-ceptual curling machine:** It deals with generation of power through Bi-ceptual curling machine i.e., through gym equipment.

# Education Qualification:

* Graduated from **K L Univerity** Vaddeswaram, Guntur in the year 2014 with **7.77 CGPA**.
* Completed intermediate from **Sri Chaitany Jr.College** Vijayawada in the year 2010 with **84%**
* Completed SSC from **Sarvani High School**, Gopalapuram in the year 2008 with **75%**

# Personal Profile:

Name : KIRAN KUMAR VASA

Father Name : SRINIVASA RAO

Date of Birth : 30th Aug 1993

Languages Known : English, Telugu and Hindi

Address : D.no:4-190

Massed street Gopalapuram (V) (M) West Godavari District Andhra Pradesh-534316.

# Declaration:

I hereby declare that all the above furnished details are true & correct to the best of my knowledge.

Date: **(KIRAN KUMAR VASA)**

Place: