Total Experience: 3 Year(s) 5 Month(s)

Notice Period: 15 Days or less

Highest Degree: Other [other]

### Swapnil Siddharam Chabukswar (1) Featured



Designing, developing and customizing CAE and CAD Software using different software languages and Automation engineer



Current Designation: Software Developer and Automation

Engineer (CAE and CAD)

Current Company: Riosoft Technologies Pvt Ld

Current Location: Pune

Pref. Location: Mumbai, Pune, Bengaluru / Bangalore Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: software developer(c++),q/a(software),nx,solid works, python,tcl,java,javascript,django,hypermesh,C#.Net

Verified: Phone Number | Email - id

Last Active: 13-Jan-21 Last Modified: 17-Dec-20

### Summary

Extensive experience in designing and developing applications using Microsoft Technologies (.Net Framework with C# & WinForms)

Extensive experience in designing and developing GUI applications using Python and Tcltk.

Expertise in customizing variety of CAE and CAD applications using TCLTK, Python, C#.net & Hyper mesh and Hyper work Automation API's

Reliable and experienced CAD Engineer with broad and deep knowledge of all stages of CAD design and execution. Adept at bringing multiple simultaneous projects to completion by or before deadline and within customer budget. Able to communicate complex technical data clearly and understandably to a variety of professional and non-professional audiences.

# Work Experience

Riosoft Technologies Pvt Ld as Software Developer and Automation Engineer (CAE and CAD) May 2019 to Till Date

I am designing and customizing CAE and CAD software using different software language (Python ,TCLTK and C#.net) To create GUI for different application according to CAE engineer requirement

To customize the CAD software using c#.net

Designing and developing applications using Microsoft Technologies (.Net Framework with C# & WinForms).

### **Education**

UG: B.Tech/B.E. (Mechanical) from N.B.Navale Sinhgad College Of Engineering, Sholapur in 2015

PG: Other (other) from Sinhgad College of Engineering, Pune in 2015

Other Qualifications/Certifications/Programs:

Diploma (MSBTE)

#### IT Skills

Skill Name	Version	Last Used	Experience
C++, C	3.1	2018	
CATIA V5 R21	V5 R21		
UG-NX	11/12		
SOLIDWORKS	2016		
Ansys	2015		
TCL		2020	1 Year(s) 0 Month(s)
Python	3.7	2020	1 Year(s) 0 Month(s)
CORE JAVA		2019	0 Year(s) 3 Month(s)
JavaScript		2020	0 Year(s) 2 Month(s)
C#.NET		2020	0 Year(s) 6 Month(s)

## Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient			
Marathi	Expert			
Hindi	Expert			
Kannada				

# **Projects**

Project Title: Effect of Change of Spur Gear Tooth Parameter on Contact stress

Client: N.B.Navale Sinhgad College Of Engineering, Sholapur

Nature of Employment: Full Time Duration: Feb 2015 - May 2015
Onsite / Offsite:

Project Details: Contact stress analysis of spur gear is done by using theoretical method using Herrzian contact theory and finite element analysis by using ANSYS Workbench 18.o.

Parameter like face width is varied and trochoidal root fillet radius is replaced by circular root fillet radius. Thus proposed circular root fillet radius withstands higher contact and bending stress. Also by increasing the face width contact stress goes on decreasing.

Project Title: Design And Analysis Of Plate Heat Exchanger With Co2 And R134a As Working Fluids

Client: N.B.Navale Sinhgad College Of Engineering, Sholapur

Nature of Employment: Full Time Duration: Sep 2014 - Jan 2015 Onsite / Offsite: Offsite

Project Details: The analysis stated that when the thickness of the plates decreases then the heat flow is higher and if the number of plates increases then the outlet temperature difference of the fluids increased and the pressure contour stated that, there is little pressure drop in the entry and outlet of the fluid

Project Title: Design and Analysis of Honey Comb Structures with Different Cases

Client: N.B.Navale Sinhgad College Of Engineering, Sholapur

Nature of Employment: Full Time Duration: Jun 2014 - Aug 2014

Onsite / Offsite: Offsite

Project Details: Comparing the structural analysis for square and hexagonal honeycomb structures.

Titanium is the suitable material, due to its less deflection and high thermal stability. But titanium had more weight compared to aluminum. Also titanium is expensive material

When we are comparing with other materials except titanium, aluminum has less deflection values. Aluminum is weight less, fewer in cost.

This properties are very good turn in aerospace industries.

But aircraft industries necessitate a lesser amount of deflection materials.

According to this case, titanium is suitable

### **Affirmative Action**

**Work Authorization** 

Category: SC

Job Type: Permanent / Temporary

Physically Challenged: No

Employment Status: Full time