|  |  |
| --- | --- |
| Omkar Sutar  Engineer, Programmer, Quick learner, Problem Solver. | [omkarsutar1255@gmail.com](mailto:omkarsutar1255@gmail.com) +91 - 9075566435  linkedin.com/in/omkar-sutar-11159b1b  **Skype:** live:.cid.548c497887021d92 |
| EDUCATION :  |  |  |  | | --- | --- | --- | | Degree/Grade | Institute | Score | | B-Tech  (Mechanical Engiineering) | Sharad Institute of Technology, College of Engineering. | 8.29/10 CGPA [2020] | | Diploma  (Mechanical Engineering) | Government Polytechnic, Kolhapur. | 76.80 % [2018] | | Secondary High School | Siddhanerli Vidyalay, Siddhanerli. | 90.20 % [2015] |  EXPERIENCE :  * Working on Research Paper on Effect of Chemical Composition on S.G. Metal. * One Month Internship at Steam Generation Plant of Sugar Factory. * Developed Universal coupling rotational Angle measuring machine. * Fertilizer Spreading Machine : It helps to mix two Fertilizer and spread as wheels rotates in farm.  LANGUAGES :  1. English 2. Hindi 3. Marathi | SKILLS :Python LanguageMySQL Database.Microsoft Excel.AUTOCAD Fusion 360.Courses : Alison - Programming Concept with Python.  Python For absolute Beginner.  Geeky Shows - SQL.  Machine Learning modules (Numpy, Pandas, Matplotlib, Seaborn and ML model Algorithms)  GUI – Tkinter  Drawing - Turtle  Introduction to 3D Modeling.  Fusion 360: Foundational Concepts.  Introduction to CAD.  CAD Administration and Collaboration |

# PROJECTS :

1. Password Saver (Object Oriented Programming):

It takes the Username and Password for first Time Log in and Save it to MySQL Database.

For further any log in it wants username and password to verify it’s you.

After you log in, it creates new window with two Entry box for username and password with two buttons as Save and Open Passwords.

Save button saves username and password to database and show checkbox for successfully submitted.

Open Password button creates new window where we can see all saved usernames with their passwords and Back button for again get back to previous window to save new passwords.

1. Formula Solver (Object Oriented Programming):

As we open software it creates window with College name and logo where it shows 5 departments name in taskbar with departmental subjects in submenu of it. As we click on any subject, it creates new window with various formulas in list box with scrollbar for that particular subject.

Then select any formula and press OK button. It again create new window with entry boxes for input in formula and as we click on OK button it returns output values in separate window. If we want to select any other subject then press BACK button it gets back on previous window.

1. Health Management System (Procedural Programming):

For gym instructor to save diet and exercise for his client.

It takes three parameters – 1) Name of customer, 2) Save or retrieve data, 3) Exercise or Diet

After taking inputs its open particular file and asks for input to save in that file if selected Save option or show all data of his client if selected retrieve option.

At the time of save exercise or diet it also saves datetime with it.

1. Healthy Programmer (Functional Programming):

It’s a reminder for programmer to drink water, eye exercise and some physical activity.

As programmer start this program in background, it checks for audio files if doesn’t exists then it tries to create new audio files.

At every 30 minutes program plays audio track of drink 250ml water until programmer write drank or just stop the audio and if programmer write drank it save in file as drank with respective time.

At every 15 minutes it plays audio track of eye exercise and at every 2 hours audio track of physical exercise until programmer write OK.

Program is automatically stop after 8 hours.