Shreyas Kshirsagar

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OBJECTIVE

A team player with 1+ year of experience in software development. Currently I am working in technologies like Python and OpenCV, contributed in innovative projects. I am enthusiastic about problem solving and always committed to learn new technologies and always stay updated with latest industry trends.

SKILLS

Technical Skills: Python, Django, Pandas, Numpy, OpenCV, Tkinter, Pillow, MySQL, PostgreSQL, GIT,Postman, Rest API. **Soft Skills:** Problem Solving, Communication, Teamwork.

EDUCATION

MSc (Computer Science)   Dec-2020 To Dec-2022
Vishwakarma College Of Arts, Commerce, Science, Pune   Percentage: 88.90

BSc (Computer Science)   April-2017 To June-2020
Tuljaram Chaturchand College, Baramati   Percentage: 64.89

WORK EXPERIENCE

Metatech Industries   Pune
Software Developer   October-2023 To Present

Quantimet Image Analysis Software

- This project is used to do **quantification and calculation** of the captured images from microscope.
- My responsibility is to update the software report according to the requirement of client.
- Also, I visited the client place and **done the calibration and installation of the Microscope and Micro-hardness tester** and configured the application as per client's requirements.
- I have responsibility of giving online support to solve the problem of the Image Analysis Software and resolved **95% user problems on first contact.**

Quantimet Live

- Created the software to capture images from the USB camera connected to the microscope and is currently used by **25+** clients.
- We used **Python, Tkinter and OpenCV** to build the efficient application. It took around 2 months to develop it completely.
- Added the camera parameters like **Brightness, Saturation, Contrast, Zoom In, Zoom Out**. Needed to add the feature of resize captured image to **640x480** as per client's demand.
- As few clients required to add **linear measurement module** which **increased the efficiency** by approximately **60%**.

PROJECTS

Focus (https://github.com/shreyas7057/Online-Photographer-Booking)
Technology used: **Python, Django, HTML, CSS, JavaScript, PostgreSQL**

- We can **search for photographers** according to the entered location.
- Photographers can create their portfolio, according to research **60%** client search for portfolio.
- Visitors or customers can book appointment of the photographer according to date availability.

CamEnhancer (https://github.com/shreyas7057/Custom-Image-Enancer)
Technology used: **Python, OpenCV, Numpy, CustomTkinter, Tkinter**

- In this project, we can apply the image filter in live video. As there are **7+ image filters** as we can apply anyone from it and save the image.
- Designed GUI in which we can select filter and added the brightness slider **(50% to 200%)** and save image in various formats like **PNG, JPG, BMP**.

CERTIFIATES

Python Core and Advance (Certificate Link) **OOP Bootcamp in Python3** (Certificate Link)

SOCIAL LINKS

GitHub: https://github.com/shreyas7057 **LeetCode:**   https://leetcode.com/u/shreyas7057/