Kaustubh Damle

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# Education

**Pune Institute of Computer Technology July 2020 - June 2024**

*Bachelor of Technology in Electronics and Telecommunication(CGPA of 8.82) Pune, Maharashtra, India*

**Fergusson College June 2018 - May 2020**

*12th Science(82%) Pune, Maharashtra, India*

# Experience

**Computer Vision Intern September 2022 – Present**

*Vasundharaa GeoTechnologies Pune, India*

* Worked on an Indian Navy project for image analysis using various Machine Learning and Deep Learning algorithms.
* Skills: Image Processing, Object detection, Image classification.

**Problem Setter: Freelance July 2022 – Present**

*iMocha Pune, India*

* Setting and curating problems based on concepts of Data Structures and Algorithms(**DSA**).
* The problems are used in coding rounds as well as technical interviews for candidate assessment.

**Flutter Developer Intern** *|* [**Certificate**](https://drive.google.com/file/d/1ibHwtA5KDNJDh14_W_hgoLFcUWDN0J3l/view?usp=sharing)*|* **June 2022 – June 2022**

*REBERT Technologies Pune, India*

* Worked with a team of 5 on an app called ’DoBuiz’ in **flutter** that would aide small local businesses to digitize and organize their businesses.
* Features of the app included GST evaluation, invoice generation, inventory management, accounting needs and customer relations.
* Created ’AddProduct’,’SalesDetails’ page in **flutter**.
* Worked with **Google firebase** which was used to store the business details of the local businesses.

# Profile Links

* + [Leetcode(damlekaustubh11)](https://leetcode.com/damlekaustubh11/)
  + [Codeforces(kaustubh 1806)](https://codeforces.com/profile/kaustubh_1806)
  + [Codechef(kaustubh 1806)](https://www.codechef.com/users/kaustubh_1806)

# Projects

**music4mood : A song recommender** *| Flutter, tflite |* [GitHub Link](https://github.com/damle18/music4mood)

* music4mood is an **AI-ML** driven song recommendation system coded in **flutter**.
* The app deploys a **machine learning** model rendered using **CNN** which recognises the emotions displayed by the user by taking an image as an input.
* The app redirects the user based on the result generated by the machine learning model to a playlist based on the emotion displayed by the user.

**Facial Emotion Recognition Model** *| TensorFlow, Keras |* [Kaggle Notebook Link](https://www.kaggle.com/code/kaustubhdamle/fer-pbl)

* Trained a **Convolutional Neural Network** model for identifying and analysing the emotions seen on the user’s face.
* This model may be used to examine the emotions and expressions of individuals.

# Achievements

∗ **3\*** on CodeChef. Highest rating of **1790** on CodeChef.

∗ **Pupil** on Codeforces. Highest rating of **1312** on Codeforces.

∗ Secured all India rank of **8** in Codechef’s Long Challenge in the month of January 2022 among 13k+ participants.

∗ Solved more than **300+** problems on LeetCode.

∗ Solved more than **450+** problems across global coding platforms.

# Technical Skills

**Languages**: C++, Java, Python, dart **Technologies/Frameworks/Libraries**: flutter **Tools**: Git, VS Code