PRAKASH S

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github.com/prakashsellathurai

Experienced software engineer with more than a year of experience in computer vision and Have a solid foundation in coding, testing, code reviews, and other software engineering practices. Capable of learning new software quickly and providing valuable support when working with a team.

WORK EXPERIENCE

On a Break   **09/2020 – Present**
- I took time off after my layoff due to Covid19 to care for my ill father, who has now recovered fully.

Software Engineer   **02/2020 – 08/2020**
GKFit**,** Chennai, IN
- Developed a computer vision algorithm for estimating food calories using deep learning frameworks such as TensorFlow and Keras.
- Built High-performance Rest API for model predictions that can process 3000 QPS using TF serving.
- Implemented a backend microservice using Gcloud, Python, and MongoDB.

Computer Vision Engineer   **06/2019 – 01/2020**
BigThinX, Bangalore, IN
- Proposed and implemented process-based parallelism, which reduced the Image Processing server's latency by 60%.
- Created GPU accelerated custom Docker images for production use.

Software Engineer/ CoFounder   **04/2018 – 03/2019**
ClothX, Tamil Nadu, IN
- Co-founded the software company during my last year of university.
- Designed, Developed and Productionised the backend for the Product using Nodejs and Python.

EDUCATION

- **BE. Mechatronics** Anna University, Tamil Nadu, India **GPA: 3.49, First Class**   **2015–2019**

SKILLS & OTHERS

- Programming Languages: Python, C++, JavaScript, SQL
- Frameworks & libraries: TensorFlow, Flask, Keras, OpenCV, ReactJs, Nodejs
- Competitive Programming: codechef.com/users/prakash1729brt **(3 stars)**, leetcode.com/prakashsellathurai
- Technologies & Tools: Docker, MySQL, MongoDB, Data structures and algorithms, Computer Vision

PROJECTS

Fashion Image Recommender - Fashion Image Recommendation system via similarity retrieval through deep learning deployable in Gcloud, see the source on Github.

Pyqoi - Pyqoi is a python library for Encoding/Decoding the images in "Quite OK Image" (qoi) format for fast, lossless image compression, see the source in Github.