PRAKASH S

Aranthangi, Tamil Nadu, India | +91-9361325845 | prakashsellathurai@gmail.com | linkedin.com/in/prakashsellathurai | github.com/prakashsellathurai

Software engineer with 1.3 years 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

Covid related Break **09/2020 – Present**

- 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.
- Researched and prototyped techniques and algorithms for object detection and recognition

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.