

PRAKASH S

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Software Engineer with over **1+ years** of full-time work experience in computer vision and Deep Learning

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.

PROFESSIONAL EXPERIENCE

GKFit, Chennai, IN

02/2020 – 08/2020

Software Engineer

- Built Rest APIs for model predictions that can handle up to 3000 QPS using TF serving(TensorFlow).
- Implemented Image Processing Algorithm for food calorie estimation within the Main Product using Python and Keras.
- Built several microservices for the main product using Gcloud, Python and MongoDB.

BigThinX, Bangalore, IN

06/2019 – 01/2020

Computer Vision Engineer

- Developed deep learning models for computer vision tasks such as object detection and pose estimation.
- Proposed and Implemented the process-based parallelism, which reduced the latency of the Production server by 60% from 10s to 4s.
- Created GPU accelerated custom Docker images for production use.

ClothX, Tamil Nadu, IN

04/2018 – 03/2019

Software Engineer/ CoFounder

- Co-Founded the software company during the last year of my university degree.
- Designed, Developed and Productionised the backend for the Product using Nodejs and Python.
- Implemented image search within the main product using K-nearest neighbour and Convolutional Neural network.

EDUCATION

Anna University, Tamil Nadu, IN

2015 - 2019

Bachelor of Mechatronics Engineering

- GPA: 3.49, First Class

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](#).

SKILLS & OTHERS

Programming Languages: Python, C++, JavaScript, SQL
Frameworks & libraries: Nodejs, TensorFlow, Flask, Keras, OpenCV, ReactJs
Technologies & Tools: Docker, MySQL, MongoDB, Data structures and algorithms, Computer Vision, Deep Learning, API design
Competitive Programming: [CodeChef profile](#) (**3 stars**)