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Computer Vision Practitioner.

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PROFILE

<https://github.com/kishkath>

Working as a developer at Infosys with an experience of 1.5 yrs. Has an extreme interest in learning the things. I wish to provide the quality of work to the team and developing the skills to become highly valuable Engineer to organization.

SKILLS

Team Management

Technical Skills:

Python, Git, SQL, Linux,
Computer Vision and its
libraries, PyTorch.

Relevant IDE's: Anaconda,
PyCharm, VS Code

AWARDS

Insta Awards for being
excellent in team work and for
dealing with body pose models
and excellence for the work in
model trainings & evaluations.

WORK EXPERIENCE

Systems Engineer, Infosys

Dec 2021 – Present

Autonomous Store POC:

A cashier-less retail store which does all the things in automated way, where customers simply walk-in and take the necessary items and walk-out without standing in queue.

- Worked in a data engineering track for all the activities of Autonomous Store POC Project. Have managed dealing with thousands of images required for the computer vision's model training. Using Python, have managed the end-to-end data management pipeline and auto-annotation pipeline with the dataloop tool, provided the data to the data scientist for training the model, which produced excellent results on real-time inference. Have managed the annotation team.
- Dealt with body pose models and have been in a team of three which designed the SDK pipeline from annotation tool to model training and evaluation. Have built the generating augmented images as a Local host UI using Flask.
- Along with a data scientist, have designed and developed the end-to-end pipeline and Synthetic data generation script which works as an auto-annotation which have reduced efforts of data capturing and annotation and it can generate lots of images to train the model which have provided the nearby real-time results compared to model trained with manually data captured, annotated.
- Have trained and evaluated ground-truth reports and inferred the object detection model on real-time.

EDUCATION HISTORY

Nov2022 – April2023: Currently pursuing EVA (Extensive-Vision-AI) Program, a computer vision course from The School of AI

Dec2022 – Feb2023: Have worked with multiple projects end-to-end deployment from Domains of ML, DL, CV in MGP program from The Machine Learning Company.

May2022 – Dec2022: Got a grip on coding and clear understanding of data structures and algorithms from Tutort Academy.

Infosys (Aug2021-Nov2021): Trained for 4 months under Data-Science domain by covering topics Python, EDA, Machine Learning, Deep Learning, Time Series. Cleared the foundation program by working on a time-series project which forecasts the growth of oxygen plants.

- **June2017 – May2021:** Bachelor of Technology in ECE at G. Pullaiah College of Engineering and Technology passed out with **7.1CGPA**
- **June2015 – April2017:** Intermediate at Sri Chaitanya Junior College passed out with 94%
- **June2014 – March2015:** Schooling at Ravindra Bharathi School passed out with **9.5CGPA**

Well-Known Tech Stack:

1. Python, Working Knowledge of Linux, Git, basic understanding and implementation of Java and SQL.
2. Familiar with Deep Learning, Computer vision, Flask, Stream-lit and theory of ONNX, Docker, IOT, Weights and biases