

# WORK PROFILE

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## SUMMARY

To obtain a position of responsibility that utilizes my skills and experience and is keen to work in an environment where I can enrich my knowledge.

## SKILLS

- **Database:** | MySQL | MongoDB |
- **Programming Languages and Algorithms** | Python | Machine Learning | Deep learning | Computer vision | CNN
- **Frameworks / Applications** : Tensorflow | Keras | Spacy | Pytorch | OpenCV | Flask

## CURRENT

**Radome Technologies and Services Pvt Ltd** | May 2021 – Till Date

Designation : **Machine learning Engineer**

Project 1: **CEAT**

- Mimicking the manual test and integrating to the existing manufacturing and quality control process flow.
- A 4k resolution camera was used to capture videos of faulty and good images. Image capture was done from various angles to improve generalization.
- Capturing images at an optimum speed of rotation, processing, analyzing and detecting the faults.
- Our customized model was able to achieve a detection accuracy of 82%.

## PAST

**Fusion Informatics** | Sept 2019 – May 2021

Designation : **Jr. AI/Deep Learning Programmer**

Project 2: **Video Surveillance**

- Four different Models to predict Mask,Helmet,people count and social distancing.
- Custom trained images over 3k plus images.
- For social distancing, used euclidean distance algorithm.
- People count is achieved using the ROI.



## Project 1: Video Resume

- This application is to Automating the HR sector, Mostly used for job hunters
- From Video -> Audio -> Text -> DL (Spacy).
- Skills, Age, Gender, Organization, Country will be extracted.

## ByteStorm Techno Solutions Private Limited | December 2017 – May 2018

### Designation: **Software Engineer**

Gathering and evaluating user requirements, designing graphic user interface elements like menus, tabs, widgets. Build page navigation buttons and search fields. Make sure that every page and every step a user will experience in their interaction with the finished product.

#### **Web Technologies Used:**

- HTML5
- CSS
- JavaScript
- PHP

## ACADEMICS

- **Bachelor of Engineering, ISE** | 2017 | 61%| Jyothy Institute of Technological University, Bengaluru, India
- **Board of Pre-University (10+2)** | 2013 | 54%| Sri Raghavendra Gurukula Vidyapeetha College, Mysore, India
- **Secondary School Certificate** | 2010 | 78%| The Best High School, Bengaluru, India

