

# Y.V.S. AARYAN

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## EDUCATION

### REENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD

2017 - 2021 | Electrical and Electronics Engineering (8.5 CGPA)

VIJAY RATNA, HYDERABAD 2015-2017

THE MOTHER'S INTEGRAL HIGH SCHOOL  
2014-2015

## PROJECTS

- **AUTOMATIC TOLLGATE USING LICENSE PLATE DETECTION** [Github](#)  
Cameras at tollgates automatically capture the number plate and perform OCR to get the license number and bill the owners accordingly.  
(Tensorflow, OpenCV, Flask, MongoDB)
- **ANALOGY FINDER** [Github](#)  
Finds analogies from over 4,00,000 words using 50D GloVe embeddings.  
(NLP, Tensorflow, Flask)
- **MISSING PERSON DETECTION** [Github](#)  
Designed a website where it is easier to both maintain and file missing complaints. The public can upload videos that will be parsed through by our deep metric learning model, detect missing people and notify police.  
(Deep Learning, OpenCV, Tensorflow, Flask)
- **AQUART** [Youtube](#) | [Github](#)  
A Smart water tap that can be controlled through an application. It also sends live water consumption, bill details and usage reports to the application.  
(Arduino, NodeMCU, IoT)

## PROFILES

Linkedin: [Y.V.S.AARYAN](#)

Github: [Aaryan369](#)

## SKILLS

Python	Flask
Machine Learning	Docker
Deep Learning	Computer Vision
Tensorflow	Tableau
MySQL	NLP
MonogDB	Alexa Skills

## EXPERIENCE

- **PROGRAMMER ANALYST - COGNIZANT** **July 2021 -**
  - Working with the latest models in the field of NLP like **GPT-J** and **T5**. Fine-tune them with datasets to ease the process of keyword extraction.
- **AI AND ANALYTICS INTERN - COGNIZANT** **Mar - July 2021**
  - Implemented various machine learning and deep learning models from end to end, to solve numerous real life problems.
- **ALEXA SKILLS DEVELOPER - VOICEQUE** **May - Aug 2020**
  - Built Alexa skill responsible for teaching children various educational topics using voice intercommunication.

## AWARDS & CERTIFICATIONS

- **Gold Medal** in International Invention and Innovators Show INTARG-19 held in **Poland**.
- **First Prize** in Rural Innovators Start-up Conclave (RISC-19) by **NIRDPR**.
- **Gold Medal** in International Innovation Fair conducted by Indian Innovators Association in Hyderabad.
- Machine Learning Certificate from Stanford.
- Deep Learning Specialization consisting of CNN, NLP, RNN and various other deep learning applications by deeplearning.ai.