Koyya Khushhal Reddy

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EDUCATION

B. Tech in Information Technology,
Vellore Institute of Technology, Vellore,
Tamil Nadu   (2018 – 2022)

SKILLS

Proficient

Python, PyTorch, SpaCy, NLTK, Flask, OpenCV

Familiar

Java, C++, JavaScript, AWS, Hadoop, Django, HTML/CSS, TensorFlow, Keras, MXNet

PROJECTS

PlantsVsWeeds

➔ Deep Learning based Plant Weed classifier for a Maize field using **CNNs**.
➔ Built using **Pytorch** and **Python**.
➔ Deployed as a Web Based interface using Flask in Backend.
  t.ly/KpeV

Content Moderation API

➔ Moderating Content for Online Chat Applications against all kinds of hate, obscenity, violence, nudity, etc.
➔ Used Machine Learning algorithms for text-based content and Deep Learning algorithms for Images/Videos.
➔ Deployed the model as an API using **Flask** to make it more scalable.
  t.ly/PXGZ

Transfer Learning

➔ Implemented a Research paper titled "Image Style Transfer Using Convolutional Neural Networks" by Gatys in **PyTorch**.
  t.ly/tHcp

EXPERIENCE

KoiReader | Computer Vision Intern

Feb 2021 - Present

➔ Working on Automatic Invoice generation and processing.
➔ Designing and Implementing Computer Vision Techniques to simulate logistic services.

Naaniz | OCR Intern

Sep 2020 – October 2020

➔ Worked in a team and developed an OCR based system to translate a Restaurant Menu into different languages.
➔ Implemented a Voice powered query system in an existing web-based interface according to the client's need.

VinnovateIT | Core Committee Member

Dec 2018 – January 2020

➔ Developed projects focused in Computer Vision and AI under the Official Innovation Lab of SITE School, VIT Vellore.
➔ Conducted Hackathons and Workshops.

ACHIEVEMENTS

➔ Got Selected for Pytorch Scholarship from **Facebook**.
➔ Represented our College and secured position in **Top 5** out of total 25 teams in JATAYU, Annual Hackathon Conducted by Virtusa, and demonstrated our prototype on the topic "AI Based Content Moderation".

CERTIFICATIONS

➔ Deep Learning Nanodegree | Udacity (Aug 2020)
➔ Foundation of AI Program| NASSCOM (May 2020)