

CHIRAYU MEGHNANI

A dedicated computer engineer who is keen to make an impact by solving real world problems with good problem solving skills seeking for the position of a Junior Software developer.

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📊 [codeforces](#)

🌐 [linkedin](#)

🐙 [github](#)

👨‍🍳 [codechef](#)

🔗 [leetcode](#)



EDUCATION

Thadomal Shahani Engineering College

B.E. Computer Engineering

2019 - 2023

CGPA: 8.92

WORK EXPERIENCE

VPsie.inc

May - August 2020

Machine Learning Engineer

Greater New York, USA

- Developed a Facial-Recognition algorithm for first hand verification of the user, captured via a webcam video and comparing it with the previously uploaded documents, ensuring maximum security.
- Using OCR to extract vital information from the uploaded documents by the user for the verification on the existing data and also storing the extracted information from the document using regex. Also to verify the uploaded documents, trained a clean CNN model on the document images, thus ensuring two-tier security.
- Also examined different methodologies for achieving higher efficiency in extracting information through any type of document.

PROJECTS

FLuffZone 🔗

September 2020

Django, Tensorflow, JavaScript, HTML, BootStrap, CSS

- A portal for all animal lovers where users can post blogs and a page for adoption where they can adopt/post pets.
- Web application with responsive UI, different sections for posting blogs creating adoptions and breed identifier while keeping in check with the integrity.
- Integrated a Deep Learning Model for detecting the breed of the dog, initially trained over 120 different breeds.

eKYC 🔗

March 2021

Django, dlib, face-recognition, OpenCV, JavaScript, HTML, BootStrap, CSS

- Web application incorporates Artificial Intelligence for verifying the faces of a customer captured via a recorded video and comparing them with the documents uploaded by the user.
- The portal also has a 2-factor Verification and authentication where the user has to verify his phone number followed by the PRN numbers and so, the final step being face verification.

Bank WebApp

September 2021

Django, Rasa, JavaScript, HTML, BootStrap, CSS

- Bank Web-application created during a 3-day hackathon to ease out the banking process for the user with maximum features installed to minimise most of the work done manually.
- Also integrated a conversation AI bank chatbot made using the base model of Rasa as to ease the banking experience through a chatbot.

Cashflow

January 2022

ReactJS, DRF, Material-UI, PyTesseract, OpenCV

- A Progressive web-application (PWA) that helps you track your expenses in an efficient manner using OCR and make you aware of your spending habits using various charts along with additional features of setting goals and reminders.

TECHNICAL SKILLS

Languages: Python, C++

Machine Learning Libraries: Scikit-Learn, Tensorflow, Keras, Pandas, Numpy, OpenCv, Matplotlib, Tesseract

Web Technologies/Frameworks: Git, GitHub, CSS, HTML

EXTRACURRICULAR

TSEC HACKS

2021

Participated in the 40-hour TSEC-HACKS 2021 hackathon and bagged 3rd rank out of 78 participating teams.

TSEC Codestorm Hackathon

2021

Participated in the TSEC Codestorm 2021 hackathon and was in the Top 12 out of 50+ participating teams.

ElasticRun Possibilities Hackathon

2022

Participated in the ElasticRun Possibilities hackathon and was in the Top 12 out of 70 participating teams.

IETE - TSEC

2020 - 2021

Publicity Executive

GDSC Core Team

2021 - Present

Core Team Member - Google Developer Students Club TSEC.