PIYUSH CHANDRA

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Technical Skills

Languages: Python, JavaScript, HTML/CSS, SQL
Platforms: Linux, Amazon Web Services, Google Cloud Platform, Heroku, Kaggle
Tools: Git, MySQL, Firebase
Libraries/Frameworks: Flask, React, Scikit-Learn, Gatsby

Work Experience

EduSkills   **October 2021 – December 2021**
AI-ML Intern   *Remote*
- Implemented Cloud pipelines for deploying applications in real time
- Deployed machine Learning Models on those applications using Sage-maker
- Automated data collection and storage by integrating AWS Cloud Database

Projects

Deepfake Detector | Python, Machine Learning, Kaggle   **January 2022**
- Worked on a Machine Learning Project for predicting probability of genuineness of deepfake videos
- Developed a face detection model using MTCNN to detect faces present in the video
- Incorporated a face recognition model using VGG FaceNet, Pytorch and Inception-ResNet Model for prediction

ManuScript | Flask, HTML, CSS   **August 2021**
- Ideated a research assistance platform with latest news updates by scrapping news articles in real time.
- Devised a method to bridge the gap in research infrastructure by gathering professor data from multiple universities.
- Implemented Flask framework using HTML and CSS to build web interface and deployed on Heroku.

VFace | Dlib, Flask, OpenCV   **October 2021**
- Built an automated identity verification system used by organizations for verification in restricted spaces.
- Innovated a National ID linked face scanning and age verification system to maintain data of verified individuals.
- Chalked out a flow to maintain verification database and record check-in and check-out details using firebase.

Volunteering Experience

TechnoJam   **November 2019 - Present**
Senior Member   *Technical Society, Galgotias University*

Google Developer Student Clubs   **October 2021 - Present**
Technical Lead   *Galgotias University*

Education

Galgotias University   **August 2019 - July 2023**
Bachelor of Technology   *Uttar Pradesh, India*
Computer Science and Engineering with specialization in AI and ML: CGPA: 8.25