SHIKHA CHAURASIA

SENIOR MACHINE LEARNING ENGINEER ⬥ BANGALORE, INDIA ☎ 9620350266

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○ LINKS ○
www.linkedin.com/in/shikha54

○ SKILLS ○
Computer Vision

Deep Learning

Machine Learning

Natural Language Processing

Keras, PyTorch, TensorFlow

Data Structure and Algorithm

IOT (Raspberry pi, Jetson nano)

Backend Development (Python, Java)

Google Cloud

AWS

Docker

👤 PROFILE

Senior Machine Learning Engineer with 7 years of experience executing data-driven solutions to increase efficiency, accuracy, and utility of internal data processing. Experienced in creating various classification, object detection, and data extraction models.

💼 EMPLOYMENT HISTORY

Senior Machine Learning Engineer at Sharechat, Bengaluru
April 2022 — Present

- Developed a feature pipeline, including storage, monitoring, and serving systems, to handle billions of features every day.
- Developed an application for genre detection using multi-label classification.
- Developed an incremental pipeline using an airflow job.
- Experience with ML production, including algorithm development and deployment.

Senior Machine Learning Engineer at FICO , Bangalore
July 2021

- Developed Font Anomaly Detection using Siamese network to classify the anomaly.
- Developed Invoice Data Extraction model using BERT.
- Developed Hologram Detection model Using TensorFlow object detection 2.0 Algo.
- Mentored team members in delivering projects.

Senior Machine Learning Engineer at Robert Bosch , Bangalore
March 2020 — June 2021

- Developed an end-to-end solution for counting all 4-wheelers and 2-wheelers entering and exiting from the parking area using the Yolov3 model
- Deployed the model in IOT device i.e Jetson nano Nvidia board
- Automated the training and evaluation pipeline on Microsoft azure using AutoML.
- Implemented the GAN model to generate more handwritten data.

Machine Learning Engineer at Continental AG , bangalore
September 2018 — March 2020

- Developed the Real-time Face Recognition model to verify the operator concerning their operation in a manufacturing plant using VGG Face.
- Deployed the model in an IOT device i.e Raspberry Pi.
- Developed the Real-time Emotion Recognition model using CNN and LSTM.

Machine Learning Engineer at Artivatic Data Labs, bangalore
December 2015 — September 2018

- Developed Damage Detection model for car parts using YOLO v2 and CNN.
- Object Recognition model using HOG with SVM.
- Developed the end-to-end solution to verify the KYC documents using face detection and text extraction techniques.

🎓 EDUCATION

BTech(cse), Uttar Pradesh Technical University, Kanpur
August 2011 — June 2015

Graduated with High Honors.