

SAHIL ANGRA

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Linkedin : [Sahil Angra](#)

Skills:

Languages: Python (Proficient), Core Java

Databases: SQL, NoSQL

Frameworks: Angular, Flask, TensorFlow, PyTorch

Packages: Scikit-learn, Keras, NumPy, Pandas, OpenCV, Dlib, SciPy, NLTK, Gensim, Matplotlib, AutoML

Tools: Apache Kafka, CUDA, Tesseract (OCR)

Cloud: Google Cloud Platform

Work Experience:

Systems Engineer: Tata Consultancy Services

(July 19 - Present)

- Was a Key player in the Implementation of many POC's for our product, thereby leading the effort to create and deploy **10 new use-cases** using **Machine Learning, Deep Learning, Computer Vision, image processing** techniques, algorithms, and architectures thereby aiding in the enhancement of product offerings, **widening customer base**, and **increasing revenues**.
- Developed and managed **data engineering pipelines with SQL, NoSQL databases, and Kafka clusters**.
- Took on the challenge of creating an integrated pipeline for performing Data Analysis and preprocessing of data thereby **reducing the overall processing time by 32%**.
- Spearheaded the creation and management of **complete back-end services** using python and **Restful Api's** which in turn helped assure and reduce the overall application exception rate, decreased response time, and significantly reduced service downtime.
- Volunteered to reduce performance and scalability issues of various AI models for our use cases by implementing an effective batching system that **increased the overall performance by 30%** and **reduced the memory consumptions** by at least **50%**.

Software Development Intern: Tata Consultancy Services

(Jan. 19 - Mar. 19)

- Aided in the development of an AI-powered production-quality Dashboard service and test framework.

Software Intern Engineer: ATGworld Networks Pvt Ltd

(July 18 - Jan. 19)

- Lead a team of 8 testers in Manual and automated testing of Android app and web services.
- Assisted in Network speed testing, performance, and scalability testing, GIT SVN, and Search Engine Optimisation.

Education:

Deep Learning Nanodegree: Udacity

(Jan. 21)

Computer Vision Nanodegree: Udacity

(Sep. 20)

B.E : Information Science & Eng. : SJB Institute of Technology

(2019)

Project Experience:

- **Image Captioning network:** Developed a neural network using CNN + RNN, that generates an appropriate caption for any input image
- **Face Generator:** Employed GAN to generate new images of human faces using Pytorch

Achievements:

- Secured **4th place out of 65000+** participants in **All India TCS coding contest EnQuode - 18**.
- Finished **2nd** at Unit level Chess championship at TCS
- Recipient of **Innovation Pride award & Innovista Top Seeds award** at TCS.Innovista 20 - 21.