



# Atul Anand

## Data Scientist | ML Engineer

### SUMMARY:

Data - Driven, Self-Motivating and Hardworking individual with ~ 2 years of industrial experience in the data domain. Always fanatic for State-Of-The-Art models. I see myself contributing a vital role in R & D with Artificial Intelligence; by conjoining the magics of NLP and Computer Vision together.

### WORK EXPERIENCE:

#### Applied AI Engineer

SUMERU SOFTWARE SOLUTIONS PVT LTD

DEC 2019 - PRESENT [BANGALORE]

- Major contributions to the Research & Development team.
- Implemented all AI specific modules for TalkToVideos project.
- Tested different models and finally implemented the best one NeuralCoref v3 and v4 for coref-resolution.
- Prepared test cases for the above tasks.
- Created Asynchronous Server for deployment using TORNADO.
- Designed Voice Assistant using SNOWBOY for TalkToVideos and results casted to screen using ChromeCast.
- Debugged Chromecast API to play videos from SeekTime.
- Multiple Facial Recognition with MXNet and MTCNN.

#### Data Scientist & Server Assistant

LIMELIGHTIT RESEARCH PVT LTD

JUL-2019 - NOV 2019 [AHMEDABAD]

- ENEROP : Completed its design and implemented its complete cloud architecture based on GCP.
- Collaborated with other developers to build a flawless clean data pipeline.
- ENTERPRISE AUTOMATION SYSTEM : handled the backend server for the project.
- Contributed in optimizing the existing script.
- Designed the ML Based architecture for the automation of electrical Appliances based on IIOT data.

#### Data Science Intern

LIMELIGHTIT RESEARCH PVT LTD

JAN-2019 - MAY 2019 [AHMEDABAD]

### LET'S CHAT:

#### Address:

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#### Email:

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#### Linkedin:

<https://www.linkedin.com/in/atul-anand-jha/>

#### Github:

<https://github.com/Atul-Anand-Jha>

#### Kaggle:

<https://www.kaggle.com/atulanandjha/>

### EDUCATION:

#### B. TECH. - COMPUTER SCIENCE: 8.83 CGPA

ITM UNIVERSITY, GWL  
(2015 - 2019)

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#### SENIOR SECONDARY SCHOOL (CBSE): 79.8%

JESUS & MARY  
ACADEMY (2014)

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#### SECONDARY SCHOOL (CBSE): 10.0 CGPA

GYAN BHARTI PUBLIC  
SCHOOL (2012)

## SKILLS:

Machine Learning

Data Analysis

Deep Learning

Python

NLP

Computer Vision

Tableau

Time Series Forecast

Data Structures & Algorithms

Linux

Audacity

MySQL

GCP

Docker

C / C++

## CERTIFICATIONS:

- **DL Specialization (Course 1 - 3) : Coursera**
- **DL A-Z : Udemy**
- **ML A - z : Udemy**
- **Complete Data Science FOR DATA ANALYSIS (python): Udemy**

## LANGUAGES:

English

Hindi

Maithili

- **ENEROP** : Designed Cloud Architecture on GCP for data ingestion through PUB/SUB and stored into BIGQUERY and loaded into DATASTUDIO for further Data Analysis.
- **Garbage Data Filtering** before storing.
- **Extensive Data Analysis** for the Temperature and Humidity data.

## Associate ML Engineer Intern

TECH MAHINDRA PVT LTD

JUL-2018 - AUG 2018 [PUNE]

- **Worked on the development of Human-computer interaction CHATBOT.** It was a crucial module of the **VAANI : MOTOR DRIVER's Assistance System.**
- **Tools and Technologies used:**
  - -> **Natural Language Understanding (NLU)**
  - -> **Rasa NLU | Spacy Library | GloVe Algorithm.**

## PERSONAL PROJECTS:

### Face Clustering [Sep-2020 - Oct 2020]

- **Soccer Player's Faces** Were clustered in groups and Unknown faces were filtered using the **Density Based clustering algorithm DBSCAN.**

>>><https://github.com/Atul-Anand-Jha/Face-Clustering>

### TRAVELSAATHI: Flight Trip Companion [Mar-2019 - May 2019]

- **An AI enabled web platform to predict Domestic Flight Ticket Prices.** Track live Flight schedules and status. Can monitor Heat Index of Airport premises.

>>><https://github.com/Atul-Anand-Jha/TravelSaathi-Flight-Ticket-Price>

### Speaker Identification [Feb-2018 - Apr 2018]

- **An intelligent speaker recognition system.** Dataset created manually, can be used to test over phone tapping call records.

>>><https://github.com/Atul-Anand-Jha/Speaker-Identification-Python>

### CIPHER - DECIPHER ( JAVA ) [Apr-2017]

- **Mono-alphabetic Substitution Cipher** implemented in Java language and AWT technology.

>>><https://github.com/Atul-Anand-Jha/Cipher-Decipher-using-Java>

## ACHIEVEMENTS:

- **Kaggle 1x Master and 2x Expert - Top 1% rank in all three**
- **Top 1% Rank (53/1,347) in Airflight Prediction (ML Hackathon) : MachineHack.**
- **Top 3.8% Rank (288/7,578) in ML Challenge #6 : Hackerearth.**
- **Top 3 in all semesters. Rank 1 in semester IV (9.63 SGPA).**
- **Best Project (2017) for Cipher-Decipher written in Java.**

## HOBBIES:

Reading Books

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Traveling

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Cricket