

# Gaurav Mundhra

Python Developer/ Data Science

A proactive and fast learning individual seeking an opportunity to work as a dynamic python / data science developer utilizing analytical, methodical skills and relevant expertise to help the company achieve business goals while sticking to vision, mission and values.

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## WORK EXPERIENCE

### Business Analyst, Data Science Genpact

10/2021 - Present

Bangalore, India

#### Projects:

- *Shipment Consolidation & Optimization* - Developed a dual optimized python linear programming based solution for reducing transportation cost and maximize weight/volume utilization factor in vehicles with a python-flask based web application.
- *Invoice Processing OCR Solution* - Worked on a computer vision based automated invoice processing model which transformed the ongoing process reducing manual effort & error.
- *Forecast Trend Analysis Report* - Developed a python based automated forecast lags report from different data sources which helps identify the trends and issues in demand planning.

### Data Scientist Datawatt Energy

10/2020 - 09/2021

Bangalore, India

#### Projects:

- *Energy Generation Forecasting* - Developed a multivariate time series forecasting model based out of different solar plants.
- *Solar String Monitoring Solution* - Developed a python - OPC UA/DA server based solution to identify faulty strings during live power generation time.
- *Failure Analysis* - Worked on python based model to predict and identify failure of inverters, string monitoring boxes, trackers of a solar plant.

### Python Developer (Internship) Genpact

02/2020 - 08/2020

Bangalore, India

#### Projects:

- *Document stamping and tracking Solution.*
- *Automated process with Excel-VBA & Python.*
- *Python - Django based web application development.*
- *Nearest warehouse simulator solution using python.*

## SKILLS

Python

Machine Learning

Python-Flask

SQL

Time Series Forecasting

VBA

Python-Django

NLP

Data Visualizaion

Computer Vision

## EDUCATION

B.TECH (Computer Science & Engineering)

NIIT UNIVERSITY (08/2016 - 08/2020)

## PERSONAL PROJECTS

### Object Detection

- *YOLO Model for identifying different car parts and colors of parts.*

### Retweets Prediction

- *Prediction of number of retweets a tweet can get using different regression models.*

## RECENT ACHIEVEMENTS

Genpact G-Solve.AI Competition (January, 2022)

*Won first prize on solution for Multivariate Demand Forecasting Challenge.*

## PROFESSIONAL DEVELOPMENT & AFFILIATIONS

IBM Data Science Professional Certificate

Coursera

Machine Learning by Andrew Ng

Coursera