

# Shubham Gotra

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With an experience of 24 months in the field of Quality Engineer in manufacturing sector. Now, I aim to grow with a data-driven organization where I can leverage my analytical skills, productively deploy my passion for cutting-edge technology, and deep dive into data for the implementation of constructive business solutions.

## Education

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**Great Lakes Institute of Management**

**Gurgaon**

PGP-Data Science Engineering : PERCENTAGE 76.2%

Jul 2019- Dec 2019

**Meerut Institute of Engineering and Technology**

**Meerut**

Graduation- B.Tech (Mechanical Engineering) : PERCENTAGE 74.4%

Jul 2013- Jun 2017

## Skills

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**Key Skills** Machine Learning (Supervised and Unsupervised), Statistics, EDA (Exploratory Data Analysis)

**Tools** Python, Tableau, SQL, MS office, Advanced Excel

**Behavioral** Teamwork, Critical Thinking, Resource Management

## Work Experience

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**Digital Tesseract**

**Worked Remotely**

*Data Science Intern*

Apr 2020-Jun 2020

- Fetching out the insights from given dataset and taking inferences from it
- Building the machine learning model
- Using insights as a reference for explaining the details to the clients

**Badve Engineering Ltd**

**Rudrapur (Uttarakhand)**

*Quality Engineer*

Apr 2018- Jun 2019

- Maintained Management Information System (MIS) in Quality Department
- Done Root Cause Analysis for generated defects using Cause and Effect Diagram
- Found major defects of in-house rework (IHR) using Pareto Analysis
- Do Why-Why Analysis of defects generated for reducing IHR
- Ensuring the gauging of parts as per Standard Operating Procedures
- Manpower Resource Management- Planning of Quality Inspector Allocation in manufacturing area

**Vimsons Electricals Private Limited**

**Noida (Uttar Pradesh)**

*Graduate Engineer Trainee*

Jul 2017-Mar 2018

- Making designs for the covering of control panels
- Ensuring the manufacturing process of control panel covers as per the design procedures
- Coordinating with the Quality Inspectors about defect identification
- Maintaining the MIS in Quality Department

## Academic Projects

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**Analysis of a Telemarketing Campaign for Term Deposit Subscription in a bank**

- Recommendations taken from bank clients for a term deposit subscription
- Data analysis done to understand the data combined with model implementation
- It helps in focusing the customers that have high probability of the subscription for term deposit in a bank

**Key skills:** Python, Exploratory Data Analysis, Data Visualization, Machine Learning

### **Prediction of the Price for an Old Car**

- There is a slowdown in new car sales and that could mean that demand is shifting towards the pre-owned market
- The goal is to predict the Price for an Old car based on the variables provided in the data set
- It helps in preventing the slowdown in new car sales

**Key skills:** Data Cleaning, Python, Data Visualization, Linear Regression, Machine Learning

### **Home Loan Prediction**

- Housing Finance Company dealing with home loans wants to automate the loan eligibility process (real time) based on the customer details provided while filing online application form
- It helps in the automation of the process and identify the customers segments, those are eligible for loan amount so that they can specifically target these customers

**Key skills:** Decision Trees, Logistic Regression, Random Forest

## **Certifications**

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AutoCAD and SolidWorks Certified

## **Extracurricular Activities**

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- Volunteered as Coordinator in the Technical Fest during graduation attended by 500 students
- Attended workshops and seminars conducted by Indian Society of Heating Refrigeration and Air Conditioning Engineers (ISHRAE)