

ER. SIDDHI PRAFUL GOSALIA

Bachelors in Electrical Engineering

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DATA ANALYST WITH PYTHON

Certified Data Scientist (Udemy), Graduated with Bachelor's Degree. Highly analytical and process-oriented data analyst with in-depth knowledge of data manipulation and visualization. Furnish insights, analytics and business intelligence used to advance opportunity identification, process reengineering and corporate growth. Fair knowledge in statistics, mathematics, and analytics.

PROFILE

I desire to work on a high responsibility and visibility role in a challenging and dynamic environment to develop innovative products using various technologies.

Python knowledge :

Data Structures, Basic Programming, Data Analysis - Numpy and Pandas, Object Oriented Programming, Machine learning – sklearn

Algorithms Knowledge:

Regression – Linear, Logistic and Polynomial, Decision Tree- Classification and Regression, Ensemble methods- Bagging, Boosting (Adaboost), SVM, K-Nearest, Clustering- K Means, Agglomerative etc

Statistics Knowledge:

Basic concepts – Mean, Mode, Median, Skewness, Kurtosis, Variance, Standard deviation, Covariance and correlation, Tests – t-test, Chi-square test, F-test (ANOVA), Hypothesis Testing, p-value, Forecasting – Moving Average, Exponential Smoothing, Trend lines, Population and Sample, Distributions- Normal, Binomial etc

Skills:

Data Analytics, Data Modelling, Data Visualization

Python, MySQL

Inferential Statistics

Analytical Skills.

Microsoft excel

Certifications:

Data Science Certification course from Udemy

Machine learning with Python and R certification course from Udemy

Python 3 Certification course from Udemy

Tableau Certification course from Udemy

Splunk 7.x Fundamentals Part 1 Certification course

PROFESSIONAL EXPERIENCE

1. Bitkraft Technologies, Lower Parel (Aug 2019 – Oct 2019) as Software Engineer

Project : Prepared Analytical report of Airline tickets for GoAir client.

Starting from Data gathering, Data Cleansing, Data Analysing to making report using python package such as Pandas, matplotlib, sklearn.

Project : To get the Agent limit to collect further subscriptions from customer

Description:

To make an application which can be used by agent and the staff to know the limit from the predefined threshold, the agent can have to collect money from customer and to block the agent under certain conditions.

Framework: Django

2A. Larsen & Toubro Integrated Engineering Services (L&T IES), Airoli (Jan 2018 – Jul 2019) as Engineer (Into Analytics)

- Worked on various packages like Pandas, numpy, seaborn, matplotlib, sklearn, keras etc.
- Worked on statistics and hands on experience on data analysis tool in excel for data visualization.
- Hands on experience on Python for Data Analytics, experience of using Python for Data Operations from Cleansing data to Data modeling using Machine learning Algorithms.

Project : Vibration Analysis of a component of motor

Description:

The goal of the model is to predict when a failure will occur and which component of motor will fail simultaneously.

We applied various Machine learning Algorithms on the dataset, trained the model, check the performance of the trained model and iterate with other algorithms until we find the most performance model.

Environment: Windows, Anaconda-Spyder

Project : To create a model that classifies whether the Electrical Contactor would operate at certain conditions or Fail to operate.

Description:

The dataset consists of data collected from the testing lab where it was tested with change in certain conditions and we received from the testing dept. manager. It consists of various features and a column which classified whether it operated or failed.

Environment: Windows, Anaconda-Spyder

Tool for Visualization : Tableau

2B. Larsen & Toubro Integrated Engineering Services (L&T IES), Airoli (Feb 2012 – Dec 2017) as Engineer (Designing Electrical Panels)

- Design of Motor Control Center (Specifications, Single line diagram, Schematics, structural drawings etc.) using Software.
- Preparing Layouts by using Pro-E software. Mounting electrical components with appropriate co-ordinates. Giving CNC cuts for components where required. Enhancing 3D components knowledge on how to make component and amending the same for creation of new models if needs arise.

- Gained exposure & knowledge of working on Electrical System Design & Study, Electrical Balance of motor control centre & implementation of electrical switchgear.
- Effective relationship management skills with ability to communicate with overseas client.

3. Industrial Switchgear & Controls Pvt. Ltd. , Mumbai (Nov 2010 – Feb 2012) as Design Engineer (Design & Estimation Department)

- Design & develop Power and Control circuits of Motor Control Centers (MCC), Equipment & System Protection Schemes, Design/Building layouts etc as per requirements within specified target costs.

SCHOLASTIC CREDENTIALS

Examination	University	Year	Result
Bachelor in Electrical Engineering	A.M.I.E. Kolkata University	2013	Distinction
Diploma in Electrical Engineering	Shri BhaguBhai Mafatlal Polytechnic College (Mumbai University)	2010	84.38%
S.S.C	St. Lawrence High School (Maharashtra Board)	2006	81.46%

ACHIEVEMENTS:

- ‘Shri Maneklal Keshavlal Trophy’ for the best Class Representative (CR) from college in the year 2008.
- Completed **AMIE** course with minimum duration of 2 years and topped in Section –B of Electrical Engineering across India

INDUSTRIAL TRAINING / INTERNSHIP

Project: Auto Changeover system for Boiler.
Organization: TATA Power, Trombay (Steam Generation Plant)
Duration: Dec 2009-June 20010

Project: DN3 Test bench for release.
Organization: L & T, Powai, Mumbai
Duration: June 2008-Nov 2008

Date of Birth	October 3, 1990
Language Capability	English, Hindi, Gujarati
Gender	Female
Nationality	Indian
Resident Address	India - 208/5657 Anitakutir, 90 Feet Road, Ghatkopar East, Mumbai 400 077 UAE – Hotel apartment, Al Faidi, Dubai

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience.

Thank you,

Er. Siddhi Goslia