



# Sahil Sharma

## Computer Science Engineer

A business-focused individual who aspires to contribute through my experience in Data Science and Analytics. I've worked across a wide array of industry 4.0 technologies including Big Data, Blockchain, machine learning, AI, AR and IoT. I have proficiency in more than five computer languages including Python, JavaScript, C/C++ and more. Good with management skills and public speaking. Basically, While ( ! ( succeed = try() ) );

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## DATA ANALYTICS

### Uber Trip Data Analysis Show & Tech, 2018

- Analyzed Uber trip raw data using Pandas, Jupyter and Python.
- Successfully presented it in front of the panel for an innovative startup idea.

### Big Mart Sales Prediction Personal Project

- Conducted Hypothesis Generation, Data Exploration, Data Cleaning, Feature Engineering, Model Building.
- Built a Linear Regression Model to predict the Sales from the dataset.

## WORK EXPERIENCE

### Web Developer / IT Support DLX Holiday Homes Rental LLC

07/2019 – Present

Dubai, UAE

- Designed the user experience for the website and finalize the technology stack for the consumer-facing digital channels

### Intern @ Web Development / IT Support Kemipex FZE

08/2018 – 01/2019

Dubai, UAE

Successfully completed multiple project and implemented them which helped the company save time and increase their efficiency.

- Studied the customer demands and characteristics through customer journey maps, transaction data etc. This data was used to segment the customers and the segmentation was used for developing marketing programs for retail outlets.
- Established an "Analytics cell" in the organization to utilize the vast amount of data captured by the company, churn the data, convert them into insights and implement them over six months.
- Created a scorecard to improve channel partners sales and service performance.
- Utilized analytical tools such as Access, Excel to generate models for analysis which improved the efficiency of serving clients.
- Created analytical models to identify network enhancement requirements based on multiple variables
- Developed and implemented the main website of the company detailing the Product offerings and the commerce features using PHP which helped the company to increase its client base by 30 percent. 📄

### Intern @ Software Development FlyNava Technologies

06/2017 – 08/2017

Bangalore, India

- Led a team of three people and successfully completed the project in the given timeline.
- Developed an Android app for the software named Jupiter.
- The app displayed Market Performance and analysis in an organized manner and manage the UI module perfectly.

## SKILLS

Business Process Improvement

Customer Analytics

Data visualization

Data Analysis

IBM Cloud IaaS

Microsoft Azure IaaS

Data Lake

Data Engineering

Web Development(HTML, CSS, JS, PHP, MEAN, React)

Python(Automation, Flask, Django)

Java(SE, Android)

Relational/Non-Relational Databases(SQL, MongoDB, PostGre)

APIs(Rest, JSON)

C/C++

Data Warehouse

## PROJECTS AND ACHIEVEMENTS

### IBM Data Science Professional (01/2020 - 04/2020)

- Successfully completed an online specialization from IBM on Data Science, a nine-course certification which includes Data Analysis with Python, Database, and SQL for Data Science, Machine Learning with Python and more.
- Learned how to work with Jupyter notebooks - create Python apps - access relational databases using SQL & Python - use Python libraries to generate data visualizations - perform data analysis using Pandas - construct & evaluate Machine Learning (ML) models using Scikit-learn & SciPy and apply data science & ML techniques to real location data sets.

### Deep Learning Specialization (05/2020 – Present)

- Currently pursuing an online Deep Learning Specialization on Coursera, a five-course specialization which includes Neural Networks and Deep Learning, Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Structuring Machine Learning Projects, Convolutional Neural Networks and Sequence Models.

### BPDC (01/2018 – 05/2018)

- Developed an Android app for the university to manage the student's attendance using MEAN (MongoDB, ExpressJS, AngularJS, and Node.js) technology stack.
- Developed a blockchain based Proof of Concept for buying products in college campus.
- Developed the content management solution for the university to publish the notices from faculties.

### Show & Tech, 2018 – In5 Lab & MeltingPot2020 (2018)

- Implemented the backend of the project solely.
- Developed a solution for carpooling services based on a blockchain platform using IBM Watson Cloud. The solution was shortlisted in the top 25 ideas pitched in the event.

## EDUCATION

### BE (Hons) in Computer Science Graduate - BITS Pilani, Dubai Campus (2014 – 2018)

Courses - Artificial Intelligence, Cloud Computing, Compiler Construction, Computer Architecture, Cryptography, Data Structures & Algorithms, Design & Analysis Of Algorithm, Computer Networks

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency