

## Contact

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## Top Skills

Python  
Matlab  
R

## Languages

English (Professional Working)  
Hindi (Professional Working)

## Certifications

edX Honor Code Certificate for  
Matrix Algebra and Linear Models  
edX Honor Code Certificate for  
Statistics and R for the Life Sciences  
Big Data Modeling and Management  
Systems  
edX Honor Code Certificate for  
MyCS: Computer Science for  
Beginners  
Introduction to Linear Models and  
Matrix Algebra

## Honors-Awards

AUTHOR

## Publications

CAREERS after 10th&12th

# Shivam Panchal

Freelance Consultant  
Gurgaon, Haryana, India

## Summary

I have worked across various domains such as Banking, Insurance, Healthcare, Telecom, Business Development. I graduated from Harcourt Butler Technological Institute, India in 2017.

- High-performing Data Science and Machine Learning professional with 3 years of experience in BI/ Data-Science/Machine Learning projects, life cycle management from conception to completion.
- Having deep understanding of Machine learning algorithms such as regression, clustering, classification, scoring, profiling, data reduction i.e. all facets of supervised and unsupervised learning.
- Hands on with web scraping, data-plumbing, integrating disparate systems for data analysis or Machine Learning / AI applications.

## TECH SKILLS

- Databases: SQL Server, MySQL, SQLite, PostgreSQL, MongoDB.
- Programming: SQL, Python, Colab, Jupyter Notebook, Django, R, HTML
- Operating Systems: Windows, Linux.
- BI Tools: Tableau, Power BI, Tableau, Qli, Google Data Studio
- Other Skills: OpenCV, TensorFlow, Theano, Keras, Scikit, Numpy, Pandas, YOLO, CUDA, Matplotlib, Plotly, Transfer Learning.
- Experienced in building end-to-end pipelines for Data manipulation, Modelling, Model selection and Prediction
- Knowledge of a variety of Data Visualizations in Matplotlib, Plotly, Dash, Tableau and R Shiny, Plotly, QlikSense.

- Statistical Analysis
- Knowledge of a variety of machine-learning algorithms like:
  - Regression (Linear, Logistic Regression, Multiple, GLM, Trees based Regression)
  - Dimension Reduction Methods (Principal Component Analysis, LDA)
  - Classification (Naive Bayes, Support Vector Machine, Logistic regression, Decision trees, Ensembles - Random forests, Gradient Boosting, Adaboost, XGBOOST, CATBOOST)
  - Clustering- K Means/ hierarchical/DBSCAN/Affinity/Agglomerative/ Spectral)
- Expert in Tensorflow/Theano/Keras/Pytorch Frameworks:
  - Classification (AlexNet/GoogleNet/ResNet/VGGs)
  - Object Detection (R-CNN, YOLO, RESNEXT)
  - GANs
- Image Processing, Time Series Analysis
- Database Management System- MySQL, MongoDB
- Natural Language Processing and Text Analysis, Sentimental Analysis, Aspect Based, POS Tagging, Named Entity Recognition, Advanced text Classification using Deep Learning methods, Chatbots and DialogueFlow
- Additional Tools - RapidMiner, WEKA, KNIME, TRIFECTA, Qlik, SASMiner, Excel, Tableau, Splunk, GIT, AWS, GCP
- Mainstream Language - Python, R

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## Experience

### GLS

#### Data Scientist

September 2018 - November 2019 (1 year 3 months)

India

I am engaged in the following technologies as part of my responsibilities.

Deep Learning based Forecasting Models, Churn Prediction

Chat bot with Dialogue Flow and Natural Language Processing

Integration of a Data Visualization and Reporting with Process Work Flow.

### Freelancer.

#### Freelance Consultant

July 2018 - November 2019 (1 year 5 months)

I worked across various domains such as Banking, Finance, Healthcare and Telecom working with various Start-ups and Individual Clients

- Involved in gathering requirements while uncovering and defining multiple dimensions of the Project.
- Extracting data from one or more sources for analysis.
- Working closely with cross functional teams to encourage statistical best practices with respect to experimental design and data analysis.
- Accomplished multiple tasks from collecting data to organizing data and helping in data-driven decision making.
- Implementing Machine Learning and Deep Learning algorithms for supervised and unsupervised learning.
- Build Machine learning and Deep Learning pipelines with end-to-end ETL processes with SQL/NoSQL databases.
- Provide consulting and advise clients on Advance Machine Learning and Deep learning solution implementation.

- Provided, Data Analytics Consultancy for firms like

- o Client - Hour One Media LLC, US

- # Social Media and Customer Sentiment Survey Tool

- # Brand Comparison and Brand Analysis

- o Client - S1 Bit

- # Building a Stock Trading Platform

- # Stock Market Analysis and Stock Forecasting

- # Machine Learning and Deep Learning Based Hybrid Forecasting Models

- o Client - PAM's Auto

- # Price Prediction Model and Forecast

- # Machine Learning, Deep Learning and Statistical Analysis

- o Client - The Pittman Group

- # Data Visualizations and Analytics

- # Reporting And Dashboarding, Automatic Report Generation

- # Tableau

- o Client - Sancoj

# Worked on world's first opportunity supermarket built on the Ethereum Blockchain and powered by Artificial Intelligence.

# ETL, Natural Language Processing, Deep Learning

o Client - GLS

# Deep Learning based Forecasting Models, Churn Prediction

# Chat bots and Natural Language Processing

# Integration of a Data Visualization and Reporting with Process Work Flow.

# Comprehensive Database Management and Data Migration

# Business Development

Sancoj

AI Developer

March 2018 - November 2019 (1 year 9 months)

Working on world's first opportunity supermarket built on the Ethereum Blockchain and powered by Artificial Intelligence.

Building 'Zingo', an AI agent which is a hybrid bot that takes the user's data, processes it, searching for the interests and predicts the best opportunity present in the marketplace. It is in the development phase and the based on DNN and Transfer learning.

S1BIT

Data Scientist

July 2017 - July 2019 (2 years 1 month)

MathLogic

Data Analyst

June 2017 - March 2018 (10 months)

Gurgaon, Haryana

Data Insights and Reporting over multiple sources of data using Postgre SQL and Report Server.

Daily Scripts / APIs / Services for reporting mails and alerts for all Google ODK for AUSFB - Insurance Data.

Data Visualizations for Data Analytics across all verticals using Tableau  
Order flow management to reduce process flow time between various components of Data pipeline.

Learning Module Development for Deep Learning (Keras+Tensorflow)

SIBIA Analytics and Consulting Services PL

### Data Science Intern

January 2017 - January 2017 (1 month)

Kolkata Area, India

As an intern Data Analyst in SIBIA, I worked with data to extract insight, meaning and models, using a battery of statistical and machine learning techniques. My role was to provide machine learning support and data warehousing and summarizing, to help inform and validate.

### NameKart

Research Analysis Intern

August 2016 - November 2016 (4 months)

Analyzing the Domains for the namekart.com, classification and processing of Data in MS Excel.

### Radico Khaitan Ltd

Intern

June 2016 - July 2016 (2 months)

Completed 4 Weeks of Industrial Training at Radico Khaitan Ltd., Rampur

Duration:

June 13, 2016 – July 12, 2016

Project Topic:

“Assessment of Molasses, grain and Malt based Fermentation Process, Waste Treatment, Disposal of Treated Effluents and Power Generation.”

### Bhavya Books

Author

June 2014 - December 2014 (7 months)

Author of the Book:

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Launched on Nov26,2014

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## Education

Harcourt Butler Technological University, Kanpur

Bachelor of Technology (B.Tech.) · (2013 - 2017)

Silver Bells Public School, Shamli

Class XII, science and Mathematics · (2002 - 2012)

St. R. C. Convent School, Shamli

High School, Sciences, Mathematics and English and Sanskrit/  
Hindi · (2008 - 2010)