

Swati Narang

Senior Associate Consultant

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[Github](#) | [Linkedin](#) | [Portfolio](#)

SUMMARY:

Senior Associate Consultant with more than 4 years of Experience executing data-driven solutions to increase efficiency, accuracy and utility of predictive analytics. Enthusiastic about getting myself familiar with new emerging technologies - AR, VR, Blockchain, Extended Reality, and fusion of Technology & Art. Passionate to work with maximum potential in a challenging and dynamic environment with an opportunity of working with diverse group of people and enhancing my professional skills with learning and experience for career growth.

EDUCATION:

Bachelor of Technology, Computer Science and Engineering

University Institute of Engineering and Technology, Haryana, India

2014-2018

CGPA:7.67/10(First Division)

Senior School,CBSE

Silver Bells Public School, Shamli,

2012-2013

Percentage: 92%

TECHNICAL PROFICIENCY:

- **Programming:** Python, C++, OOPS, DSA, HTML and CSS
- **Backend Framework:** Django, Flask, Dialogflow
- **Databases:** RDBMS, MySQL, MongoDB
- **Python and ML libraries:** Numpy, Pandas, Scikit-Learn, Matplotlib, Seaborn, Scipy, Folium
- **Miscellaneous Tools:** Jira, GitHub, Jupyter/JupyterLab, Watson Studio, SAP Data Services 4.2, SAP Hana Studio, Eclipse, MS Office, SQL Server, Pycharm, Anaconda, Visual Studio, MS office suite.

EMPLOYMENT HISTORY:

- I. Senior Associate Consultant at Infosys Pvt. Ltd.** **Oct'22-Present**
Email Workbench
Role: Team Member
 - Worked on NLP problem i.e. multiclass classification of various E-mails into classes regarding requests like shipment status, expedite request, FYI cases etc.
 - Customized NER to get exporter and importer name from the invoice and other documents.
 - Provided solution for classification and NER tasks which can be integrated with cloud technologies.
- II. Associate Consultant at Infosys Pvt. Ltd.** **Oct'21-Sep'22**
Anomaly Detection System
Role: Team Member
 - Build and anomaly detection model by using Isolation Forest algorithm for the loyalty program of credit cards for a multinational financial services Corporation.
 - Responsible for Exploratory Data Analysis by creating meaningful charts such as box blot, histogram bar plot using Matplotlib.
- III. Senior System Engineer at Infosys Pvt. Ltd.** **Jan'21-Sep'21**
 - Creation/Modification of Dashboards-Fetch data from SQL server if not readily available.
 - Python scripts for Prescriptive analysis, Creation of models and visualization methods to communicate the information that helps in the Decision-making process.
 - Applied information extraction technique to save manual effort using AI which increased workflow efficiency by 30%.

IV. System Engineer at Infosys Pvt. Ltd.**Nov'18-Dec'20**

- Very good understanding & experience in using SAP Data Services user interfaces like SAP Designer, Management Console, Server Manager, and creation of Job Server groups to achieve parallelism and high performance throughput.
- Performed the extract, transform and load (ETL) process for large datasets from diverse disconnected databases of both structured and unstructured type.
- Preparing the System Requirement Specifications (SRS) document based on detailed requirement specifications.

V. System Engineer Trainee at Infosys Pvt. Ltd.**June'18-Oct'18**

- Gained hands on knowledge in Python and Advanced SQL during their rigorous training program.
- Passionately learnt a new technology i.e. SAP ABAP with good experience in working with SAP ABAP forms, reports, web-Dynpro, internal tables and work tables.

PROJECTS:**I. Audio based Sentimental Analysis:**

- Main aim for this is to sentiment analysis for twitter data. Six different sentiments can be analyzed using sentiment package namely anger, disgust, fear, joy, sadness and surprise.
- This Uses Multilayer Perceptron (MLP) and Long short-term memory (LSTM) neural network to recognize patterns in sequences of data, such as text, handwriting and the spoken word.

Technology/Languages Used: MLP Classifier, LSTM classifier, Numpy, Pandas, Matplotlib, Wave**II. Breast Cancer Detection:**

- It is a Web-based application which features detection of Breast Cancer using Machine learning models, Logistic regression is reported to have highest accuracy of 97%.
- Deployed application on Heroku platform through API using Flask.

Technology/Languages Used: ML algorithms, Numpy, Pandas, Matplotlib, Flask.**III. Blog Application:**

- Using Django framework created a small blogging site where people can publish posts relating to anything they want to share with others.

Technology/Languages Used: Django, HTML, CSS**IV. BI Dashboards:**

- Created business intelligence dashboards for different stakeholders. Data pre-processing using python with SQL as a backend database. Sales forecasting using regression models in python.

CERTIFICATIONS:

1. IBM Data Science Professional Certificate (issued by Coursera).
2. Machine Learning (issued by Coursera)
3. Algorithmic Toolbox (issued by Coursera)
4. AWS S3 Basics (issued by Coursera)
5. Problem Solving (issued by Hacker rank)
6. Python (issued by Hacker rank)
7. SQL (issued by Hacker rank)
8. Java – core (issued by Ducat)

ACHIEVEMENTS:

1. Received appreciation for resolving customer escalation within given time.
2. Ranked under 500 across India in Hackathon "Hackwithinfy" organized by Infosys on pan India level.
3. Top performer during System Engineer Training at Infosys.
4. Participated as Head coordinator in organizing the Alumina Meet in 2016 and Coordinated the Registration Team in college fest continuously for 2 years.