

# SHIVANI DOGRA

## Software Engineer

Forward-thinking Software Engineer fluent in C++ and Python programming languages used to develop software within Defense organization. Well-organized and customer-focused with proven skills in project management and team leadership, finding reliable solutions for software issues along with problem solving skills and performing initial analysis to assess the quality of the data and preparing report based on analysis.

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## WORK EXPERIENCE

### Software Engineer Ministry of Defense

10/2018 - Present

#### Achievements/Tasks

- Orchestrated efficient large-scale software deployments, including testing features and correcting code.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Prepared detailed reports on updates to project specifications, progress, identified conflicts and team activities.
- Created procedures for system monitoring, recovery, backup and optimization.
- Introduced agile methodologies and effective development best practices to division to enhance product development.

### Process Executive Cognizant

06/2018 - 08/2018

#### Google

#### Achievements/Tasks

- Identified issues, analyzed information and provided solutions to problems.
- Offered friendly and efficient service to all customers, handled challenging situations with ease.
- Created spreadsheets using Microsoft Excel for daily, weekly and monthly reporting.
- Resolved conflicts and negotiated mutually beneficial agreements between parties.

## EDUCATION

### B.Tech( Information Technology)

Indira Gandhi Delhi Technical University For Women

06/2014 - 06/2018

8.4/10

### XII Standard

Pragati Public School

04/2013 - 04/2014

8.0/10

## SKILLS

C/C++

Python (NumPy, Pandas, SciPy, Scikit-learn, Matplotlib, Seaborn, NLTK, ggplot2)

R

SQL

SAS

Pyspark

PowerBI

Spark (Pyspark)

Hadoop

Hive

Presto

QlikSense

JavaScript

Agile Scrum

Tableau

HTML

Agile scrum

Microsoft Excel

## PERSONAL PROJECTS

### Data Extraction using Twitter APIs

- Data extraction based on sentiment analysis the web crawlers were assign the APIs.
- These APIs consist of specific list of hashtags which were represented on Python shell by using NLTK.

### Data Prediction of ODI Cricket Matches

- Prediction modelling for the data set provided with information of all the score and the data of the team which consists of scores, Homewin and viz a viz.
- The analysis was then presented using sci-kit learn and run on jupyter notebook and then statically representation on the based on the information required from them.

### Recommendation engines for Web Surfing

- Recommendation engines provide the best suited option for the user to opt once they are done with the surfing or during their surfing time period.
- The data is analysed as per the interest and the releases the best possible option that the user might opt for the next time when they visit to that page area.

## ACHIEVEMENTS

- Worked under NGOs such as "KILKARI" under THE EDUCATION TREE.
- Lead startup club in college as well as got selected for the WebSummit 2018 event in Portugal.
- Selected among Top 5 from Google for "Google ambassador".
- Participated and organized online HackRank competition (Women who codes and Django Girls)
- "IEEE SIGs" certificate for INSTRUCTOR of machine learning.
- Awarded by the SQA facilitator for the maintaining the Naval organization's Quality Management System.