

# Rayvant Sahni

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## EDUCATION

### UPES

B.TECH IN COMPUTER SCIENCE

### ENGINEERING

Specialization in Big Data

2017 - 2021 | Dehradun, India

CGPA: 7.51

### MODERN SCHOOL, BARAKHAMBA ROAD

Grad. May 2017 | New Delhi, India

## LINKS

LinkedIn: rayvant-sahni

GitHub: rayvantsahni

## SKILLS

### LANGUAGES

Proficient:

- Python • Java • SQL

Familiar:

- C++ • Scala • Shell

### TOOLS AND TECHNOLOGIES

Proficient:

- Apache Spark • MapReduce
- MySQL • Microsoft Azure
- Data Structures • Algorithms

Familiar:

- AWS • PostgreSQL • Apache Airflow
- Spring Boot

## CERTIFICATIONS

Microsoft: Azure Developer Associate (AZ-204)

IBM: Big Data Foundations - Level 1, 2

IBM: Hadoop Foundations - Level 1

IBM: Spark - Level 1

IBM: Python for Data Science

HackerRank: Java Certified

HackerRank: SQL Certified

Qwiklabs: Big Data on AWS

## EXTRA-CURRICULAR

- Editorial Head

Smart Analyzers - The Data Science Society

- Editorial Head

ThinkBig Data Community

- Python Sessions

Taught Python Programming Language during the Covid-19 lockdown period

- Football

International Level Football Player

## EXPERIENCE

### C1X | SOFTWARE ENGINEER

Apr 2021 - Present | New Delhi, India

Involved in 2 projects simultaneously -

1. Data Compliance Utility (DCU)

- Directly working with a dedicated team from Nike to ensure GDPR compliance within their Data Lake through the DCU.

- Developed various Python and Bash scripts to enhance automation throughout the system.

- Working on "DCU v7 - Run Your Own Deletes", which enables any engineer to spin up the necessary resources and infrastructure to run their own deletes through a Jenkins pipeline.

2. Customer Data Marketing Platform (CDMP)

- Create APIs corresponding to different paid media channels like Facebook, Google, Snapchat, Twitter, Yahoo, etc. in Java.

- These APIs will be used by the Rules Engine to change specifications of marketing campaigns in those paid media channels.

### HANU SOFTWARE | CLOUD ENGINEER TRAINEE

Jan 2021 - Mar 2021 | New Delhi, India

- Trained on the cloud computing service - Microsoft Azure, while experimenting with several cloud native services, and successfully completed the AZ-204 Certification as a part of the training.

### REGEX SOFTWARE SERVICES | DATA SCIENCE INTERN AND TRAINEE

Apr 2020 - Jun 2020 | New Delhi, India

- Completed a 75 days training in Python with specialization in Data Science.
- It included concepts of Linux, OOPS in Python, Web Scraping.
- Trained on tools like Hadoop and Spark.

## PROJECTS

### DOON TOUR OPTIMIZER

Sep 2019 - Nov 2019

- Created a tool for the tourists who visit the city of Dehradun which provides them the **shortest possible route** they should follow to visit maximum number of places (inspired from the Travelling Salesman Problem).

### SENTIMENTAL ANALYSIS OF AMAZON PRODUCT REVIEWS

May 2020 - Jun 2020

- Designed a **web crawler** to scrape reviews obtained by a certain product chosen by the user from the **Amazon website**.

- Performed **sentimental analysis** on those reviews to help the user better decide whether to buy that product or not.

### COVID-19

May 2020 - Jun 2020

- Analysis of the situation of **Covid-19** in India state-wise.

- **Live stats** concerning the Covid-19 all across the world and for any country in particular as well.

### TEXT CLASSIFYING ENGINE

Sep 2020 - Nov 2020

- Comparative study of 4 Machine Learning models.

- Made a **text classifier** to detect the particular **genre** a specific article or blog belongs to using the best model chosen during the comparative study.