

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.

• Got the cost down by approximately 90% of the initial expense and reduced the processing time by 50%.

• Single-handedly rewriting the whole legacy code to improve efficiency, readability and reduce the number of lines of code.

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.