

# TEJASH BANSAL

## Data Engineer

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📍 Noida, India

🌐 Tejash Bansal | LinkedIn

🌐 tejasjbansal (github.com)

🌐 Portfolio (tejasjbansal.github.io)

## WORK EXPERIENCE

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### Programmer Analyst Trainee

#### Cognizant Technology Solutions

📅 July 2022 - current

- Working for USA's biggest financial regulator's Bigdata project.
- Building queries on the top of data by using Snowflake.
- Building a Pipeline with the help of Alteryx to collect data from snowflakes and perform certain tasks according to the requirement of the client.
- Involved in requirement analysis and frequent communication with customer for clarification and needs.

### Data Engineer - Intern

#### Cognizant Technology Solutions

📅 January 2022 - June 2022

- Worked in Bigdata track responsible for building end-to-end ETL pipeline performing Hadoop and Spark-related tasks.
- Got exposure and understanding of data ( Big Data ), Hadoop & Hive. Gained fundamental knowledge related to Database Design, Data Warehouse basics, and Unix & Shell Scripting.
- It includes the basics of MySQL, Java, Spark, Spark Streaming, SparkSQL, Spark ETL patterns, and Python Pyspark. Learned about the basics of Cloud AWS & Airflow.- Skills: Sqoop · Amazon Web Services (AWS) · SQL · Hadoop · Hive · Apache Spark

### Project Intern

#### iNeuron Private Limited Company

📅 May 2021 - August 2021

- Developing a Food Recommendation System that considers User's Health Diseases as well as many other User Inputs for recommending Recipes for good health.
- In this project, we are having a recipe dataset of 1Million records.
- The system should be able to recommend food recipes and recommend healthy diets food based on user inputs, and user requirements.
- In User Inputs, we are trying to consider the User's Health Factors as well to provide the best Recommendation System for a better & healthy diet.
- Technologies to be Used: Pandas, NumPy, MongoDB, AWS, GIT, Django & many more.

## EDUCATION

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B.Tech

Computer Science

#### Graphic Era University

📅 August 2018 - May 2022

📍 Dehradun

## SKILLS

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- Python
- Scala
- SQL (Postgres, Redshift, MySQL)
- Spark
- Apache Hadoop
- Alteryx
- Github
- Pandas, Numpy

## CERTIFICATIONS

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- Data Engineering Fundamentals (Online Learning Center)
- Big Data Masters (iNeuron)

# PROJECTS

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## HEALTHCARE SYSTEM BIG DATA ANALYTICS

📅 April 2022 - May 2022

- ♦ Developing a pipeline for a Health Care insurance company that is facing challenges in enhancing its revenue and understanding the customers so it wants to take the help of the Big Data Ecosystem to analyze the Competitor's company data received from varieties of sources, namely through scrapping and third-party sources.
- ♦ This analysis will help them to track the behavior, and condition of customers so that to customize offers for them to buy insurance policies and also calculate royalties to those customers who buy policies in past, this, in turn, will enhance their revenues.

**Project Link:** - <https://github.com/tejasjbansal/HEALTHCARE-SYSTEM>

## SocialMedia API Backend

📅 December 2021 - January 2022

- ♦ In this project, we build a full fledge API in python.
- ♦ The API that we build is for social media-type applications where users can create/read/delete/update posts, as well as like other users' posts, and of course, we will set up user registration and authentication.
- ♦ We build this API using the FastAPI library. We are using the Postgres Database and SQLAlchemy ORM for storing all the user's data.
- ♦ We also test our application using the pytest library. We'll set up a test database and perform a good number of integration tests.

**Project Link:** <https://github.com/tejasjbansal/SocialMedia-API-Backend>