

SHASHWAT PATEL

JUNIOR DATA SCIENTIST

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TECHNICAL SKILLS

Programming languages: Python, C/C++, HTML/CSS, JavaScript, SQL,

Python Libraries: Scikit-Learn, NumPy, Pandas, Matplotlib, Seaborn, Flask, Beautiful Soup, Selenium,

Git-GitHub: Tableau:

Database Management: (MySQL), **M.S. Office:** (Excel, Visio, PowerPoint, Word)

EDUCATION

Data Science Machine Learning Bootcamp

September 2023–Ongoing

JOVIAN, Online

- Learn Data Science- Machine Learning and building real-world projects on SQL, Tableau, and Data Visualization.
- **500+ hours** of classwork, **10 Coding Assignments**, **3 Projects** (Web scraping, EDA, ML)
- Learn industry-level technologies and techniques from former Twitter Employees.

Bachelor of Science in Computer Science, Software Development

August 2017–December 2022

Northern Illinois University (NIU), DeKalb, IL

(GPA: 3.51/4)

- Computer Science Major in Fundamental courses in Mathematics, Computing, Data Structure- Algorithms, and Statistics.

PROJECTS

Exploratory Data Analysis (EDA)

Exploratory Data Analysis Project on Google Play store Apps using Python

- Conducted exploratory data analysis to understand the structure and characteristics of the dataset with **2.3M+ rows** and **12 columns**.
- Cleaned and preprocessed the data to handle missing values, and outliers, and ensure data quality
- Utilized data visualization tools (**Matplotlib**, **Seaborn**, **Plotly**) to generate insights and identify trends in the data.

Web Scraping

Scraping Topic Wise Video Details on YouTube using Selenium

- Designed and implemented a web scraping solution to collect data from YouTube by User Given Topic.
- Collect **1000+ rows** and **8 columns** of data.
- Utilized **Python** and its libraries such as Beautiful Soup, Requests, and Selenium to scrape data.
- Stored the collected data in a structured format (CSV, SQL database) for further analysis.

Web Development

Personal Portfolio Website with Database Integration.

- Designed and developed a personal portfolio website to showcase my skills, experiences, and projects.
- Utilized **HTML**, **CSS**, and **JavaScript** to create a responsive and user-friendly interface.
- Integrated a portfolio with MySQL that allows for easy updating and adding of new projects.