VIKASH BISHT

Portfolio/Website
GitHub

MTech | Indian Institute of Technology (IIT) Guwahati, India

in vikashbisht | ✉ vikashbisht@iitg.ac.in, vikashbisht91@gmail.com | 📱 (+91) 9756345567

"TECHNICAL PROFICIENCIES

- **Python** (NumPy, Pandas, Matplotlib, Seaborn, Keras)
- **SQL** (Postgres SQL, SSMS)
- **Tableau**
- **Microsoft Excel**

"EDUCATION

M Tech 2021 – 2023	Indian Institute of Technology (IIT) Guwahati, India Department of Chemical Engineering CGPA: 9.11/10
B Tech 2016 - 2020	University of Petroleum & Energy Studies, Dehradun, India Department of Chemical Engineering CGPA: 6.50/10
Higher Secondary 2016	Rainbow Public School Central Board of Secondary Education, New Delhi, India Percentage: 72.80
Secondary 2014	Rainbow Public School Central Board of Secondary Education, New Delhi, India CGPA: 8.0/10

"PROJECTS

GitHub	**Covid-19 SQL Analysis** • Utilized the June 2023 COVID dataset to derive insightful conclusions through SQL queries. • Conducted data cleaning and compared global and India-specific datasets, focusing on infection and mortality rates, vaccination statistics, and other metrics.
GitHub	**Fabricating Dataset with Web Scrapping using Beautiful Soup** • JSON and CSV dataset was created from the Disney Wikipedia page for further analysis. • Beautiful Soup was used for web scrapping, and other libraries were used, like requests and pickle.
GitHub	**Netflix Dashboard using Tableau** • The dataset from Kaggle was used to analyze the correlation between various variables related to Netflix. Also, some insights were derived from the data. • Tableau dashboard was used to identify trends with the help of various visualization between different dataset variables.
GitHub	**Covid-19 Mask Detection** • A real-time mask detection model was created using deep and transfer learning which can be used to identify whether a person is wearing a mask or not. • The model has been trained with more than 600 images from Kaggle. Libraries like OpenCV, Scikit-learn, etc., were used to train the model.

"INTERNSHIP

May 2019 – June 2019	**Naini Papers and Tissues Ltd, Kashipur, India** Learned about the end-to-end processes and products of the paper industry. Assisted in the production process, including quality control and inventory management. Participated in safety training and ensured compliance with industry regulations.

"TECHNICAL SKILLS

- **Programming**: Python, C/C++, MATLAB*.
- **Code IDE Tools:** Jupyter Notebook, VS Code, PG Admin, PyCharm, Latex Overleaf, Google Collab.
- **Libraries**: NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn, Keras, OpenCV, Beautiful Soup, Turtle, Requests.
- **Software:** Tableau, GitHub, Microsoft Office, ASPEN Plus.
- **Database Management**: SQL-PostgreSQL, SQL Server Management Studio

"CERTIFICATION COURSES

- **Data Science & Machine Learning:** Python for Data Science and Machine Learning Bootcamp.
- **Database Management:** The Complete SQL Bootcamp 2022: Go from Zero to Hero.
- **Software:** Tableau 2022 A-Z: Hands-On Tableau Training for Data Science.
- **Others**: Python for Data Structures, Algorithms, and Interviews, 100 Days of Code: The Complete Python Pro Bootcamp for 2022, MATLAB Fundamentals.

"TEACHING ENGAGEMENTS

Served as a teaching assistant (TA) for the following courses:
- Mass Transfer Lab (CL-313) course.
- Heat Transfer Lab (CL-211H) course.
- Applied Statistics for Chemical Engineers (CL-645) course.

"HONORS AND AWARDS

Fellowship: Graduate Aptitude Test in Engineering (GATE) fellowship.

"EXTRACURRICULAR

- **GATE 2021:** Secured AIR 1165 with GATE Score 499 in Gate Chemical Engineering.
- **NSS:** Active member of the National Service Scheme, participated in a flood relief camp and cleanliness drive.
- Secured 4th place in basketball at Spardha', IIT-Guwahati.

DECLARATION

I hereby declare that the information given above is true to the best of my knowledge.

Name: Vikash Bisht   **Place:** Srinagar Garhwal, India