# Rhythm Bhavsar

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## EDUCATION

**Gujarat Technological University (GTU)**                                                               2020 - 2023
Bachelor of Vocation, Software Development                                              *Cumulative GPA: 9.4/10.0*

## About

● Passionate and results-driven Data Scientist with a strong foundation in Exploratory Data Aanalysis (EDA), Machine Learning (ML), Deep Learning (DL), Natural language processing (NLP) and cloud technologies such as Amazon Web Services (AWS). I am dedicated to uncovering actionable insights from complex data sets and translating them into strategic business solutions. With solid background in IT and a keen interest in data-driven innovation, I am eager to contribute my skills to team focused on driving meaningful outcomes.

## EXPERIENCE

**Voidek Webolutions**                                                                           January 2023 – Present
*Jr. Data Scientist*
● Leveraging Data Analysis for valuable insights extraction.
● Applying Machine Learning, Deep Learning, and Data Visualization for effective classification problem solving.
● Enhancing expertise through literature reviews in the domain.

## PROJECTS

**Predictive model for Breast Cancer GitHub**                                             Machine Learning Project
● Preprocessing the Breast Cancer dataset to prepare it for analysis.
● Building a classification model using appropriate algorithms.
● Deploying the model on Heroku for practical application and evaluating its performance with diverse assessment methods.

**Olympic Data Analysis GitHub**                                                                    Capstone Project
● Conducted initial exploration of the 'Olympic' dataset, addressing duplicates and missing values.
● Employed Python along with essential libraries like Pandas, NumPy, Matplotlib, and Seaborn.
● Utilized Data Visualization techniques to analyze medal distribution among top-performing countries.

**PySpark Analysis - Airlines GitHub**                                                              PySpark Project
● Employed Python and libraries like PySpark for data analysis.
● Processed the dataset, added a month column, analyzed airline flight counts, departure delays by airport, and calculated average departure delays per airport.

**SQL - Olympic GitHub**                                                                                SQL Project
● Calculated the average number of medals per country and displayed the top gold medal-winning countries.
● Listed individuals and their medals in descending order, grouped by their respective countries.

## CERTIFICATIONS AND TRAININGS

**Data Science Bootcamp**                                                                         Dec 2021 – May 2022
Odin School
**Machine Learning with Python**                                                                         June 2022
Cognitive Classes (IBM)
**Data Visualization with Python**                                                                       June 2022
Cognitive Classes (IBM)

## SKILLS & INTERESTS

**Languages:** Hindi (Native Speaker), English (Fluent), Gujarati (Verbal)
**Programming Languages / Paradigms:** Python, Functional Programming, Object Oriented Programming (OOP)
**Artificial Intelligence:** Deep Learning, Computer Vision, Natural Language Processing (NLP / NLU), Neural Networks
**Data Science / Analytics:** Machine Learning, IPython / Jupyter Notebook, SQL, Excel, Tableau, Web Scraping
**Non-Technical Skills:** Problem Solving, Critical & Analytical Thinking, Effective Communication, Data Storytelling
**Libraries:** Numpy, Pandas, Scikit Learn, Tensorflow, Pytorch, NLTK, Seaborn, Matplotlib, Beautiful Soup