

Piyush Ghosh

7889226461 | piyushghosh2021@gmail.com | [linkedin.com](https://www.linkedin.com) | leetcode.com | github.com

EDUCATION

Dayananda Sagar College Of Engineering

Masters of Computer Application

Aug 2021 – present

Brainware University

Bachelors of Computer Application

7.91

Aug. 2018 – July 2021

EXPERIENCE

Web Development and Designing

Feb 2021 – Mar 2021

The spark Foundation

- Developed and Designed Banking system and donation website for unprivileged children using **MERN STACK**
- Used Razorpay as Payment gateway .

Data Science and Business Analytics

Mar 2021 – Apr 2021

The spark Foundation

- **Exploratory data analysis** on terrorism, retail and sports data set.
- Analysis on Sports data set like which team had won by max wickets/runs, team with most wins per season, **Data Visualization and Observation** on Number of matches, most successful team,victories by team, most valuable players, team with most toss win etc.
- As security/defense analyst, I have tried to find out hot zone of terrorism. What all security issues and insights can be driven by EDA. **Constructed graph using pandas, seaborn and matplotlib.pyplot** .
- As Sales Analyst, I have tried to find best month of sales, which city had the highest sales, what products sold most and why do you think it sold the most. Visualizing it with matplotlib.pyplot,pandas.

PROJECTS

Social Media Application | *ReactJs, ExpressJs, Nodejs, MongoDB*

July 2021

- A fully authenticated, dynamic blogging website with **user registration and login functionality**.
- Provides Multi Author feature who can **update/create** different blogs, add a description, image to the post and read public blogs available.
- Individual has capability to **set personalize profile picture**.

Olympic Data Analysis | *Numpy, Pandas, Matplotlib, Seaborn, Streamlit*

Dec 2021

- A detailed analysis on dataset of 120 years of Olympic history.
- Broadly application is divided into four categories i.e, **Medal tally, Overall analysis, Countrywise Analysis and Athlete-wise Analysis**.
- The analysis is then summed up by creating a website with **streamlit** which gives us a clear picture of the analysis by giving it visual context through plot, charts, heatmap or **graphs**

Real Time end-to-end chat Application | *ExpressJs, Nodejs, socket.io*

Oct 2021

- Developed and Designed a real-time chat application with room allowing multiple users do chat.
- Tech Stack used Nodejs and Expressjs for web server, **socket.io** for realtime, bi-directional communication between web clients and servers with vanilla JS in frontend.

TECHNICAL SKILLS

Languages: C/C++, Python, Javascript, SQL, HTML/CSS

Frameworks: React, Node.js, Express.js

Database:Mongodb

Libraries: pandas, NumPy, Matplotlib

CERTIFICATES

Machine Learning Foundations: A Case Study Approach (Issued by University of Washington(coursera))

MERN STACK (Issued by learnCodeOnline.in)