

Chaitanya Agarwal

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EDUCATION

Delhi Technological University (formerly DCE)
B. Tech, Electrical Engineering, Minor in Data Analytics. **CGPA – 9.68**
Department Rank - 1
JM International School – Dwarka, Delhi
Percentage (AISSCE) – **93.6%** || (AISCE) – **10.00 CGPA**
Sports Captain of School

Rohini, Delhi
June 2023

Dwarka, Delhi
June 2019

EXPERIENCE

PricewaterhouseCoopers (PwC) Technology Consultant Intern

June 2022 – Present

- **Analyzed** the retail and commerce structure of 24Seven (Convenience store) through the **Microsoft Dynamics 365 Finance & Operation**.
- Set up **20 BYODs (Bring your own database)** in the **UAT (User acceptance testing)** instance of Dynamics 365 for business intelligence reporting by syncing 23 entities to Azure SQL database after understanding customer requirements.

GOODSPACE

December 2021 – February 2022

Data Scientist Intern

- Designed a **recommender system** for **1000+** skills using **Content-Based filtering** to recommend similar skills to the hirer, made an **API** using **Flask** and deployed it on **EC2 instance**.
- Integrated the **Branch** platform (**mobile analytics software**) to provide insights related to app installs, engagement, deep linking by collaborating with the cross functional teams and branch customer support to address the errors.

GAUSSIAN NETWORKS

August – December 2021

Data Analyst Intern

- Increased the **revenue** by **0.9%** and **cash deposits** by **2%** in 2 months by identifying **600+ cash players** and targeting **free token players**.
- Collaborated with the team and **devised 30+ SQL queries** to **extract data** of more than **10 million players** from **Snowflake (cloud-based data storage service)** and visualizing the data using **Holistics (self-service BI platform)**.
- **Automated** the process of executing **60+ SQL queries** using **Python**.

PROJECTS

HEALTHIFY ([Link](#))

- Built a **Machine Learning Web App** using **Python** which predicts the possibility of a person getting afflicted with major Chronic diseases like Diabetes, Cancer etc.
- **Deployed** the app as a microservice using **Flask**.

SENTIMENT ANALYSIS ON NETFLIX DATA ([Link](#))

- **Predicted** the **Sentiment** of a movie using the movie description and performed **EDA** for finding insights to explain movie trends.

MOVIE SIMILARITY ([Link](#))

- **Transformed** the data using Natural language processing concepts and built a model using **Kmeans algorithm** to cluster the movies.
- **Visualized** the similar movies in a **Dendrogram** using similarity score **metric** which clubs the movies on the basis of description.

SKILLS

Languages & Software: C++, Python, SQL, MySQL, PostgreSQL, MATLAB, HTML, CSS, Git, GitHub, Tableau

Software Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Plotly

Well versed in: Machine learning, Data Analytics, Data structures and Algorithms, Database management system

POSITION OF RESPONSIBILITY

ELECTRONIC DESIGN ENGINEER at Raftaar, Tech team of DTU

September 2019 – May 2020

- Engineered the electronic parts of the **human powered vehicle** using **Arduino, sensors**.
- Designed a **landing gear** for the vehicle using an **Actuator, proximity sensor**.

ACHIEVEMENTS

- Selected as a **mentee** for **Microsoft Engage'21** (mentorship program). Built a **Microsoft Teams clone** under the guidance of Microsoft mentors, including features like Video ON/OFF, mute/unmute, chat application and video calling.
- **Consolation prize** among 100 teams in my **maiden case competition** organized by StartLadder in collaboration with **IIT-D**.
- **Bucket Hat Winner** in **HackHarvard** hackathon organized by **Harvard University** for being one of the most active participants.
- Opportunity for Mitacs'22 GRI research scholar at **York University, Canada**.

INTERESTS & ACTIVITIES

CERTIFICATIONS: DATA SCIENCE and MACHINE LEARNING certifications by DATA CAMP

HOBBIES: Exercising, Drawing anime characters, Badminton