

Anuj Singh Naruka

+91 90014 69662 ✉: anujnaruka02@gmail.com in: <https://www.linkedin.com/in/anuj-naruka-9b0362243/>

Education

University of Petroleum & Energy Studies	2020 – 2024
B.Tech Computer Science Engineering (Spz. AI/ML), Minor in Strategic Management	Current CGPA – 9.03
Cambridge Court High School	2005 – 2020
XII (Sciences - PCM)	Overall score - 90%

Technical Skills

C++, Python, MySQL, Machine Learning & AI, Neural Network Models, TensorFlow, Data Structures, Algorithms

Experience

SDE Intern – Private Circle (1st June 2023 – 1st August 2023): (Python, ML)

SaaS based financial database and private market intelligence provider focused on VC funds and high net worth individuals

- Redefined the heuristic score logic driving dynamic suggestion generation for investors on the PrivateCircle research platform thereby providing higher results accuracy
- Implemented multiple personalised changes (pertaining order and type of data analyses) per Sequoia's requirements, as part of their subscription to the research platform
- Generated a new set of keywords leveraging NLP and LLM, thereby further enhancing the onboarding experience of users in terms of shortlisting criteria to identify domain-specific companies
- Analyzed investor contribution data across deals to identify investment patterns. Leveraged MCA filings & press releases to enable the company to design targeted reach outs for our research services

Projects

Automated ML Modelling Web Application: (Python, Streamlit, Pandas, Pycaret, Lottie Files) | [Source Code](#)

- Automated ML Modelling Web Application focuses on the idea of reducing time spent by an individual on creating models (regression or classification) for processing data streams by upto 50%.
- Web application built using the streamlit library while regression & classification models were integrated into the application using pycaret

ARGO (Affordable Rides On Go): (C++, MySQL, Python, Flask) | [Source Code](#)

- ARGO is a one stop solution for vehicle renting and pooling services related issues near my college
- C++ acts as an interface for input and stores the data in SQL. MySQL houses a database which acts as a centralized repository for storing customer's data as well as for storing details related to nearest seller and availability of vehicles
- Folium library uses the coordinates of the seller and customer to map the nearest available ride

Customer Churn Predictor: (Python, Machine Learning, Artificial Neural Network, Sklearn, TensorFlow, Keras, Pandas, NumPy) | [Source Code](#)

- Cleaned the dataset 'Customer Churn' using Pandas and NumPy followed by pre-processing using sklearn
- Designed the neural network using TensorFlow and Keras
- Used ADAM as the optimizer and binary_crossentropy as a loss function to calculate the accuracy
- Created a confusion matrix for further analysis of the model like calculating f-score, precision and recall

A* Search Algorithm Visualizer: (Python, Pygame) | [Source Code](#)

- Designed the window for algorithm visualizer using Pygame
- Implemented the algorithm by creating a function which takes into consideration the heuristic value as well as the value of the distance between the two nodes which forms the basis of the A* search algorithm

Programming achievements

- **CodeChef : [Profile](#); Rating:** 3 Star(1741); Among the top 5% coders globally; Best rank – **157** (Global rank)
- **Best Ranks:** Starters 80 Division 2 – **202** (Global rank); Starters 59 Division 2 – **467** (Global rank)
- **Codeforces : [Profile](#) , Rating :** Pupil (1256)
- **HackerRank:** Achieved **Gold level** in Problem Solving and **Silver level** in C++
- Co-authored a book on cloud, edge computing & IoT along with Professor J.C. Patni (ISBN: 9781032263076)