ADITYA PRASAD

SDE-Intern

A passionate undergraduate student pursuing B.Tech and developing skills to solve complex problems and making world a better place.

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EDUCATION

Bachelors of Technology (CSE)
Lovely Professional University

07/2019 - 06/2023   Phagwara, CGPA 8.39/10.0

Class XII (CBSE Board)
Surya Public School

04/2017 - 03/2018   Lucknow, 86.4%

Stream
- Physics, Chemistry and Maths

Class X (CBSE Board)
Surya Public School

04/2015 - 03/2016   Lucknow, CGPA 10.0/10.0

WORK EXPERIENCE

Software Development Engineer-Intern
uTrade Solutions Pvt. Ltd.

05/2022 - 05/2023   Mohali

uTrade Solutions is a trading technology company providing enterprise software for financial trading.

Tasks
- Working in the development and new features of **HFT(High Frequency Trading)** which is being used in **uTrade**.
- As C++ backend developer, responsible for **developing** new features and **improving** existing features of **HFT**
- **Development in frontend** for **uTrade Algo** in **QT** framework, reducing latency by optimizing code also developing new features

Technical Content Writer Intern
GeeksforGeeks ↗

01/2021 - 04/2021   Work From Home

A Computer Science portal for geeks that contains well written, well thought and well explained technical articles .

Tasks
- Responsible for writing **technical contents** which are published on the website.
- Articles are based on the concepts of **DSA,**various **Python** libraries such as **NumPy, Matplotlib** and **APIs**.
- It has a reach to **thousands and lakhs** of people which read these articles and gain knowledge.
- **Link for all Articles published** ↗

SKILLS

C   C++   Python   MySQL   PSQL   QT
Data Structures & Algorithms   HTML   CSS
Stash   JIRA   Problem Solving   Git   LINUX
MS Excel   Tableau   R   GoLang

PROJECTS

UCL Stats Analysis (11/2021 - 12/2021) ↗
- Analysis of all players and their stats from the year 2013 to 2021 taken from **Kaggle**
- The analysis has various **dynamic charts** and observation made by using **pivot table** and creating data table by the help of **power pivot in excel**
- **ETL** process done using **Tableau Prep**

Big Integer Library in C++ (04/2021 - 05/2020) ↗
- The **< bigintegerc++.h>** is a header file that reduces your **700 lines of code** to just a **function call in one line** for handling very big numbers and in performing large calculations.
- **C++** has no functions that helps in calculations of big integers. So this library has various functions that helps in achieving large calculations.
- Functions present are **addition, subtraction, multiplication, factorial and power.**

Fitness Revolution Gym (10/2020 - 11/2020) ↗
- A gym management system app built on **Python** using **OOPS and GUI using tkinter.**
- It has various modules that helps in swift management of gyms, the details are saved in database using **My SQL Lite.**

CERTIFICATIONS

HackerRank Problem Solving Basic (03/2021) ↗
Skills Assessment Certification test by hackerrank on problem solving (Data Structures & Algorithms)

Accessing Web Data Using Python (Coursera) (2020) ↗
Learnt to access web data using python and bs4 library taught by University of Michigan.

C++ Summer Internship (IBM) (2019) ↗
Project and course completed and taught by industry level experienced teacher, learnt OOPS concept and several other concepts of C++.

INTERESTS

Gaming   Sports   Travelling   Movies