

ARYAN MITTAL

CSE MNNIT Allahabad 2022

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✉ UP, India

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EXPERIENCE

Analyst

Goldman Sachs

📅 June 2022 – Present

📍 Bangalore, KA

- Designed a functionality of Idrive(db) to Lake(db) push increasing the efficiency of RRR Calculator Run from 15 hours to 87 minutes for Credit Card Loans having data around 100 Million Transactions.
- Designed a whole new workflow for Corporate Loans Capital Adjustment Calculation, allowing the Risk Weighted Asset calculator to trigger daily rather than Monthly.
- Developed an Infrastructure to Find, Parse, and Act Upon the Exceptions (Data Correctness, accuracy, consistency, validity, integrity & Uniqueness) in any Loans Data.
- Automated the functionality to generate the Adjustments Data from Upstream data stores which saved 6-7 Hours/Day of Users.
- Automated the functionality to fetch data from multiple APIs, operate on the data, stamp SCRP using Decision Table, and persist that data to a Database. Eliminating the effect of manual stamping which took 3-4 Hours/Day.
- Technologies Used: Pure, Alloy, Scala, Java, Python, SQL, BDD Test.

Summer Analyst Intern

Goldman Sachs

📅 June 2021 – July 2021

📍 Bangalore, KA

- Worked on the Capital Workflow Uplift for Residential Mortgage Loans.
- Developed a Sourcing structure requiring minimum Manual Intervention.
- Improved the quality & frequency of Numbers from Weekly to Daily.
- Wrote Pure Query to get all the Loan Positions & attributes from Database.
- Wrote Scala code to prorate balances & enrich all attributes.
- Technologies Used: Pure, Scala, Java, SQL, BDD Test.

EDUCATION

B.Tech in Computer Science & Engineering

Motilal Nehru National Institute Of Technology

📅 CPI: 9.6 – Gold Medalist

📍 MNNIT-2022

Senior Secondary Examination CBSE - Class XII

Translam Academy International

📅 Percentage: 95.6%

📍 CBSE-2018

Higher Secondary Examination CBSE - Class X

Translam Academy International

📅 CGPA: 10/10

📍 CBSE-2016

EXTRA CURRICULARS

Youtube (Aryan Mittal - 18k Subs) - DSA & Coding

- Teaching about Coding, Data Structure & Algorithms etc.

POSITION OF RESPONSIBILITY

House Captain - Tagore House

- Organized & Managed all Intra & Inter School Activities.

TECHNICAL SKILLS

- **Programming Languages:** Java, C, C++ (Competitive Programming), Python, JavaScript
- **Data Structures & Algorithm**
- **Object Oriented Programming & MySql**
- **System Design:** Low Level Design & Software Development

ACHIEVEMENTS

- **Institute Gold Medalist - 2019, 2020, 2021, 2022**
- **Winner of Hack36 (All India Hackathon) - 2021**
- **IBM Special Track Winners, HackOn Hackathon - 2020**
- **Finalist in Logical Rythm (Flagship ML Event) - 2019**
- **Developed an App for IIM Lucknow - 2019**
- **AISSE Merit Holder top 0.1% in Physics - 2018**
- **All India JEE Mains Rank - 2726**

CODING PROFILE

G-Kickstart 2021 - aryan_0077 [Ranked 822nd-RoundA]

Codeforces - mittaljii [Rating: 1659 - Expert]

Codechef - aryan_mittal7 [Rating: 1938 - 4Star]

PROJECTS

CENTAURUS BOT

- Smart Bot which generates Smart Notes for the user in the Online Class.
- Alert the admin when an abusive language is being used.
- Notifying when your name is being called in the meeting.
- Technologies used - Python, Selenium, IBM Watson Speech API, Google Speech API, Machine Learning.
- 📄 The-Mavericks/Centauras-Bot

ALL IN ONE EDITOR & COMPRESSOR

- Provides Rich Text Editor, Image Editor & File Compressor in one place.
- Achieved File Compression up to 56% by using Huffman Encoding.
- Technologies used - HTML, CSS, JavaScript, Bootstrap.
- 📄 aryan-0077/All-in-one-Text-Image-Editor-File-Compressor

LOCALE LITE

- Online Platform for Service Providers and Consumers to connect locally.
- Key Features - Persistent Login, Maps, Chat & Online Payment.
- Technologies used - Android Studio, MapBox API, AndroidX, Firebase.
- 📄 aryan-0077/Locale-Lite