Akshay Dhingra

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EDUCATION

Birla Institute of Technology and Sciences, Pilani   **Pilani, RJ**
BE in Mechanical Engineering : (GPA: 7.30)   *Graduation Date: June 2022*
- Organizations: Marudhara Cultural Assoc, BasketBall.

Jayshree Periwal High School, Jaipur   **Jaipur, RJ**
Higher Secondary Certificate, CBSE: (Percentage: 90.4)   *Graduation Date: May 2018*

Delhi Public School, Jodhpur   **Jodhpur, RJ**
Secondary School Certificate, CBSE: (CGPA : 10)   *Graduation Date: May 2016*
- Awards/Activities : Table Tennis, BasketBall.

WORK EXPERIENCE

Questt   **Bengaluru, KA**
Software Developer Engineer - 1   *July 2022 – Present*
- **Deployed** Python Scripts to migrate data of ~**10 Lacs** users from SQL Database to MongoDB database.
- **Created** APIs to reduce the TAT of user's information by **30%,** in turn created a study plan in real time for students using **Nodejs**.
- **Wrote** a listener to generate dynamic links using python saving **~4 hrs** of daily man work.
- **Designed** a dashboard to generate a report for ~**50** schools on the basis of students data of questions played using **SQL, MongoDB** and **Python**.

Questt   **Bengaluru, KA**
Tech Intern   *January 2022 - June 2022*
- **Orchestrated** smooth deployment of daily notifications for **~2 Lacs** users of the app.
- **Segregated** and **visualized** data metrics on **DAU** of the app with the help of tools like **Advanced excel, SQL,** and **Redash**.
- **Organized CRM** data funnel with help of **MoEngage, Google Analytics,** and **excel.**

PROJECTS

Analysis of Position and Velocity data of a player (Data Analysis)   **BITS Pilani, RJ**
Group Lead   *Jan 2021 – Mar 2021*
- **Analysed** the data of different parameters of a football player such as velocity, heart beat, calories burnt, distance travelled etc. from data visualization created using **matplotlib** library in **Python.**
- This project improves the **decision making** of the coach to improve the **performance** of the player by **analysing** the conclusions obtained from the **data visualization**.

Polygons for CAD Modelling   **BITS Pilani, RJ**
- **Performed** polygon operations of simple polygons for cad modelling using **sympy** and **numpy** libraries in **Python**.
- **Sloved problems** related to the **3D models** such as rotation around a given axis, etc. using **Python**.
- **Projected** all the polygons using **matplotlib** library.

SKILLS & INTERESTS

Skills: Python | MongoDB | SQL | Node.js | C++ | DSA | Django

Interests: Analytics, Personal Finance, BasketBall, Gaming.