

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 - I

July 2022 – Present

- Conducted **system design**, architecting an efficient and **scalable** solution that integrated **Redis** caching and utilized cometchat, a third-party service, to ensure seamless and real-time chat functionality. Created this **microservice** using **Nest.js** and **MongoDb** to provide a chat platform for more than **10 thousand** students.
- **Created** a **microservice** to provide **thousands** of students a platform to play questions against each other. Conducted **system design**, architecting an efficient and scalable solution that integrated **Redis** caching Created this **microservice** using **Nest.js** and **MongoDb**.
- **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**.
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Questt

Bengaluru, KA

Tech Intern

January 2022 - June 2022

- **Designed** a dashboard to generate a report for ~**50** schools on the basis of students' data of questions played.
- **Segregated** and **visualized** data metrics on **DAU** of the app with the help of tools like **Advanced excel**, **SQL**, and **Redash**.
- Single handedly **Wrote** and **Deployed** Python Scripts to migrate data of ~**10 Lacs** users from **SQL** Databases to **MongoDB** database

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**.

SKILLS & INTERESTS

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

Interests: Analytics, Personal Finance, BasketBall, Gaming.