Saurabh kumar
Software Development Engineer

Passionate software developer with a knack for solving complex problems. Dedicated to deliver efficient solutions with collaborative, and innovative approaches.

✉ saurabhq36@gmail.com

📱 8057981281/7895291281

📍 Noida, India

in linkedin.com/in/saurabh-kumar-119202144

SKILLS

Django Python

OOPS Concept

DBMS Mysql

PostgreSQL

MongoDB Celery

Redis Git

Restful APIs

Docker EC2

S3

INTERESTS

Table Tennis

Cricket

WORK EXPERIENCE

Software Development Engineer
Innovaccer

06/2023 - Present   *Noida*

Achievements/Tasks

- Significant Development of Innovaccer's **DAP Platform Migration Tool**, transitioning from **OLTP to OLAP** architecture. Resulted in a **30% reduction in cloud costs**, secured **12% revenue from clients** and enabled efficient petabyte-scale data management.
- Implemented SQL Parsers (Python + Scala) with for **98% accurate parsing** of 150 SQLs/minute. Successfully executed SQL-Converter, Typo Checks, and targeted DDLs & DML, totaling 200K+ successful parses for 100+ customers.
- Automated the process of data transfer and validation to ensure data consistency and save time for the data migration team.

Software Development Engineer
Analytics Vidhya

10/2021 - 06/2023   *Gurugram*

Achievements/Tasks

- **Integrated LeadSquared CRM** with a **centralized lead- capturing platform** for real-time synchronization of lead data.Centralized lead-capturing platform captures leads from various external platforms.
- Designed and developed an **OTP validation** microservice for user verification, resulting in around **70% decrease in junk leads** while **boosting lead conversion by 35%**.
- Designed a high scale system for **Tournament Portal** to conducts hiring contests/hackathons. It includes different **microservices** including CAT, Hackathon and proctoring feature.
- Developed a **Mass Calendar Invites booking system** for registered candidates, in upcoming AI/ML sessions, automating event scheduling and participation certification, leading to a **20% increase** in session attendance.

PROJECTS

DAP Platform Migration Tool (07/2023 - Present)
- Implemented using **Django**, **Python**, **Airflow**, **Aws s3**, **PostgreSQL**, **Snowflake, MongoDB.**
- Initiative to reduce cloud cost and enable efficient scaling.
- Contibuted in the Architectural flow design and implemention of the end to end tool.

Tournament Portal (10/2021 - 04/2022)
- Implemented using **Django**, **PostgreSQL**, **redis**, **celery.**
- Microservice for conducting hackathons of Machine learning and AI. It combines with other two services (CAT, proctoring) to have a real time test environment for candidates.
- Designed and Implemented database design and APIs for the microservice.

EDUCATION

B.Tech (Computer Science and Engineering)
G.L.A. University, Mathura

07/2017 - 06/2021