

VIJAY BUJJIGALLA

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EDUCATION

IIIT-Rajiv Gandhi University of knowledge technologies
Bachelor of Computer Science and Engineering, CGPA: 8.9

Rk valley, kadapa
2019 - 2023

IIIT-Rajiv Gandhi University of knowledge technologies
Pre-University Course, CGPA: 8.7

Rk valley, kadapa
2017 - 2019

SKILLS

Programming languages Java, Python (familiar), C, C++, Javascript
Databases Mysql, Postgresql
Web Technologies: HTML, CSS, JavaScript

EXPERIENCE

Software Engineer
IIT Hyderabad (COE-FT)

Sep 2023 - Present
Hyderabad, Telangana

- **Fraud Detection and Revenue Enhancement** Identifying fraudulent taxpayers and determine their tax liability to increase government revenue in GST.
- **Dashboard Management:** Handling dashboard reports providing data insights to the officials and officers in state such as Tamil Nadu and Delhi, Punjab. Create and manage MIS (Management Information System) reports and daily report dashboards.
- **Complex Queries and Reporting:** Optimized database performance by implementing partitioning, indexing, and to handle millions of records efficiently. which led to 10% of improvement in query performance.

PROJECTS

Food waste Management System :- Developed a food waste Management System aimed to reduce the food waste by connecting surplus food sources (restaurants, grocery stores) with organizations and individuals in need. The System allowed users to log surplus food, track organizations and individuals in need.

Movie Recommendation System :- Using technique of collaborative filtering and KNN algorithm. In this project we recommend the movie for the user using the past user experienced data and his/her activity in the past. Using the past user experience we will take it as consideration and providing data to the algorithm.

ACHIEVEMENTS

- Solved 200+ problems on Leetcode, Hacker Rank platforms.
- 4 star (Gold badge) rating in SQL in Hacker Rank.
- Completed Java fundamental course on Udemy.

LEADERSHIP

- **Role:** Led a cross-functional team of 7 to develop a real-time GST monitoring system for a state government. **Outcome:** Improved tax compliance tracking by 60%, reducing manual reporting efforts. Initiated a knowledge-sharing program, reducing onboarding time for new database developers by 20%.