


Ritik Gupta

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Computer Science Engineer

- To secure a challenging role as a software engineer in a dynamic organization that values creativity, innovation, and teamwork, where I can apply my technical skills, learn new technologies, and contribute to the success of the company.

Professional Experience

08/2023 – present **Software Developer, IONICX DIGITAL** Chennai

Projects

Prediction and Recommendation Analysis

Developed a Django web application for Prediction and Recommendation Analysis. The application utilizes the RandomForestRegressor algorithm to predict key metrics such as call volume, agent idle time, and average handling time by training on historical data. Results are presented through a user-friendly frontend interface. Additionally, the app features a recommendation system with a web notifier, allowing users to connect to their databases, set conditions, and receive notifications every 10 minutes. Users can snooze or block notifications, and a background scheduler ensures timely evaluations of all conditions. Implemented industry-standard formulas for accuracy and reliability across all use cases.

Chatbot Application: Enhancing Booking Management

I developed a responsive chatbot application utilizing Django and Google Dialogflow. The application empowers agents to access and update booking details, while also providing users with FAQ assistance to resolve queries efficiently. It showcases proficiency in integrating advanced technologies to streamline communication and enhance user experience.

Tawfeeq Holidays

I spearheaded the development of the Airport Module API within a live project, leveraging Django, Python, and SQL to meet project requirements effectively. My contributions encompassed creating APIs for various functionalities such as booking details, cost price, driver duty and driver assignment while ensuring robust JWT authentication implementation across all endpoints. This experience underscores my adeptness in backend development, API integration, and security protocols.

Certificates

Python Programming
From IIT Kanpur

MySQL
Great Learning

**Enhancing and Soft Skill
Personality**
NPTEL

Skills

- | | |
|-------------------------------|--------------|
| • Django | • React |
| • Python | • JavaScript |
| • MS SQL | • CSS |
| • Object-oriented programming | • HTML |

Education

07/2019 – 06/2023	Bachelor Of Technology(CSE), Apollo Institute of Technology 76.8%
04/2017 – 03/2018	Intermediate, RSSD Inter college 74.8%
04/2016 – 03/2017	High School, SGD High school 75%