

ARPIT JAIN

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GitHub | LeetCode | HackerRank | LinkedIn

EDUCATION

Teerthanker Mahaveer University
Computer Science Masters
Percentage: 80%

Moradabad
July 2021 - July 2023

Dayalabagh Educational Institute
Internet of things Bachelors
CGPA: 7.7

Agra
July 2018 - July 2021

EXPERIENCE

Aqusag Technologies | Python Developer

Noida, India | April 2023 - Present

- Developed and integrated a secure, robust, and dependable web application using the Django REST framework, Strengthened the authorization and tested the APIs using unit testing.
- Debug and troubleshoot issues in existing codebase.
- Contribute to documentation and knowledge sharing within the team.
- Developed database architecture and schema designs resulting in 30% faster data retrieval and successfully established web services and microservices architectures using REST APIs for third-party integrations.
- Converted database queries into ORM, improving database efficiency and security.
- Led the restructuring of a robust chat application as part of the project, utilizing data WebSockets for real-time communication and implementing features that enhanced 60% chat service efficiency.
- Spearheaded cross-functional collaboration efforts with the front-end team to successfully implement websockets and REST APIs, enabling real-time updates and notifications, resulting in a 50% reduction in response time and a 30% increase in user retention rate.

Walmart Global Tech | Software Engineer Intern

Virtual Experience | Feb 2023 - Mar 2023

- Design a UML class diagram for a dynamically reconfigurable data processor and implement different operating modes and database connections in a data processing pipeline.
- Design a normalized relational database and represent different entities and their relationships in an Entity Relationship Diagram (ERD).
- Extract and manipulate data from multiple spreadsheets in Python, format data to fit a specific database schema and insert into database.

SKILLS

Programming Languages: Python, C, C++, Java, Rust, SQL, HTML, Object-Oriented Design
Libraries/Frameworks: Django, Django Rest Framework, Numpy, Pandas, Flask, Scikit learn
Tools / Platforms: VS Code, Jupyter Notebook, Linux, Postman, Git version control
Databases: MySQL, MongoDB, Apache Cassandra, SQLite

PROJECTS / OPEN-SOURCE

Chat Web Application

Python, Django, websockets, React, REST API

Ring Central API | Link

Django, Flask, Celery Scheduling.

Automatic Number Plate Recognition System | Link

Python, Machine Learning, Computer Vision

Real Time Analytics Dashboard | Link

Data Analysis, Data Science, Firebase

E-commerce Website | Link

Django, Jinja2, MySQL

CERTIFICATIONS

- APIs - Coursera
- Graph Search, Shortest Paths, and Data Structures - Coursera
- SQL Intermediate Problem Solving - Hackerank.
- Using Python to Access Web Data - Coursera