

ABDUR RAHMAAN

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WORK EXPERIENCE

Tata Consultancy Services

Pune, IND

System Engineer

July 2022 – Present

- Working as part of Platform Engineering Team, design and build RESTful service APIs using Django Rest framework
- Engineered and implemented algorithms to identify and secure sensitive data, bolstering the integrity and confidentiality of critical information assets.
- Led the Dockerization process of our application, streamlining deployment procedures and enhancing scalability and portability across diverse environments.
- Orchestrated the seamless deployment of the application on Linux systems at client sites, ensuring optimal performance, compatibility, and security adherence.

Enableity Foundation For Rehabilitation (NGO)

Chennai, IND

Web Developer Intern

Oct 2021 – Dec 2021

- Contributed to the development of a desktop game-related application using PyQt, a Python framework for creating graphical user interfaces
- Collaborated with a team to design and implement interactive features for the application, enhancing user engagement and experience.
- Led the Dockerization process of our application, streamlining deployment procedures and enhancing scalability and portability across diverse environments.

SKILLS

Languages: Python, Javascript, SQL, HTML/CSS, C++

Frameworks: Django, Git, Tailwind CSS

Database: PostgreSQL

Operating Systems: Linux, Windows

Tools: VSCode

Others: REST, Gitlab, AWS, Docker

EDUCATION

B. S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

Chennai, IND

Bachelor of Technology

June 2018 – June 2022

Major in Electronics and Communication

Cumulative GPA: 8.3/10

Relevant Coursework: Computer Networks, Signals and Systems, Digital Logic Design, Artificial Intelligence

PROJECTS

DJ-CHAT

May 2024

- Developed a chat application using Django and PostgreSQL, leveraging Django ORM for database operations.
- Designed the frontend using HTML and Tailwind CSS for a sleek and modern interface.
- Implemented WebSocket functionality using Django Channels library to enable real-time communication.
- Users can create chat rooms, with agents joining to engage in conversation. Admins have capabilities to manage rooms, including chatting, deleting, and viewing.

EKART

June 2024

- Built an e-commerce application using Django, featuring essential functionalities found in large-scale e-commerce platforms.
- Utilized Django templates for frontend rendering and Django ORM to interact with a PostgreSQL database.
- Implemented features such as order management and a custom user model to enhance user experience and security.