Bongo, Reige J

BSIT -3R5

Applications Development and Emerging Technologies

Building a Full-Stack

To-Do List Application with FastAPI Documentation

Task:

Demonstrate your ability to integrate a front-end React application with a FastAPI backend by developing a fully functional To-Do List application. This includes implementing CRUD operations, task filtering, and a dark mode feature.

Technologies used:

Front end:

React JS:

Vite:

Github Pages:

Axios:

Backend:

FastAPI:

SQLAlchemy:

SQLite:

CORS Middleware (FastAPI):

Deployments:

Render:

GitHub:

Difference between Django REST Framework (DRF) and FastAPI (highlight key features, advantages, disadvantages)

Challenges you encountered in development and deployment and how you solved them for both DRF and FastAPI.