**Internship Report**  
**Project Title:** BookMyShow Clone – Full Stack Movie Ticket Booking Application  
**Intern Name:** R LAKSHMI  
**Duration:** May 2025 – June 2025  
**Organization:** NullClass – Online Internship Platform  
**Type:** Self-Initiated Academic Internship (Remote)

**1. Introduction**

During this internship, I developed a full-stack movie ticket booking application inspired by BookMyShow. The project utilized Django for backend development and was successfully deployed using Vercel. The primary goal was to emulate a real-world booking system while integrating database management, user login systems, and cloud deployment processes.

**2. Background**

As a student of computer science, I pursued this opportunity to gain practical exposure in building interactive web applications. With prior knowledge of Python and web basics, I aimed to deepen my understanding of backend development, frontend templating, and modern deployment workflows.

**3. Learning Objectives**

* Build a full-stack web application from scratch.
* Apply Django's MVC architecture effectively.
* Develop booking workflows with real-time seat availability updates.
* Learn to deploy Django projects on Vercel and resolve related issues.

**4. Tasks and Activities**

* Designed Django models for entities like movies, theaters, seats, and bookings.
* Integrated user registration and session-based booking features.
* Created templates and views using Django's templating engine.
* Deployed the project on Vercel, resolving deployment-related errors and optimizing static files.
* Configured project assets, including favicon and CSS, for smooth UI rendering post-deployment.

**5. Skills and Competencies**

**Technical Skills:**

* Django Web Framework
* SQLite and Django ORM
* HTML, CSS, Bootstrap
* Cloud Deployment with Vercel
* Troubleshooting backend and deployment issues

**Soft Skills:**

* Analytical problem-solving
* Effective time management
* Documenting and organizing technical workflows

**6. Feedback and Evidence**

The completed application functioned correctly on Vercel, featuring movie listings and a functional booking system. Feedback from peers and mentors highlighted the streamlined booking interface and clear navigation. Supporting materials include:

* **Live Demo:** **Internship Report**  
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* **Live Demo:** <https://bookmyshow-internship.vercel.app/>
* **Evidence:** Screenshots of booking pages, admin dashboard, and deployment console outputs.
* **7. Challenges and Resolutions**
* **Issue:** ModuleNotFoundError caused by improper import path.  
  **Solution:** Replaced include('https://...') with correct relative import syntax, e.g., include('app.urls').
* **Issue:** 400 Bad Request error during deployment on Vercel.  
  **Solution:** Reviewed server logs, adjusted routing, fixed view references, and corrected static file paths.
* **8. Outcomes and Impact**
* Through this internship, I successfully completed the development and deployment lifecycle of a Django-based application. It enhanced my grasp of MVC principles, honed my debugging abilities, and introduced me to serverless deployment techniques via Vercel.
* **9. Conclusion**
* This internship provided an excellent opportunity to bridge classroom knowledge with real-world application development. It improved my backend programming confidence and prepared me for future roles in web development and software engineering.
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