SHIVAM GUPTA || 21f1003942

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EDUCATION

Program	Institution	%/CGPA	Year
Diploma in Programming	IIT Madras, Chennai	7.19	2023
Class XII (ISC)	St. Thomas Inter College, UP	79.6 %	2017
Class X (ICSE)	St. Thomas Inter College, UP	87 %	2015

SCHOLASTIC ACHIEVEMENTS

- Secured **2nd** Position in Chess at Inter-School Competition   2016

RELEVANT COURSES AND SKILLS

Programming Languages: Java, Python, JavaScript, C++, Git, HTML, CSS, Bash	**Libraries/Frameworks:** VueJs, Flask, Django, Bootstrap, jQuery, Redis, Flask_Mail, Flask_JWT, SQLALchemy, numpy, RESTApi, Pandas, Celery, Pygame(Beginner), Tkinter	Databases SQLite, MySQL
Servers: nginx, Gunicorn	**Tools / Platforms** Ubuntu, SQLite, RESP, Replit	

                                                                                        * - Ongoing courses

PROJECTS

➢ **MOVIE BOOKING (1) WITH Flask**   *LINK*   *(Apr'19 - present)*
  Technologies Used - **Flask, HTML, CSS, SQLALchemy, flask_login, Jinja, JavaScript, jQuery, sha256(encoding),**

- Implemented image support for movies.

- Password should match regex & store using sha256 hash. Suitable Models for User, Movie, Theatre, etc

- Tell user responses using Flash messages, wherever needed. Admin's CRUD for Venue, Show

- Used Jinja Blocks, loops (for, if, with,etc), temp. filters and extended html pages using extends.

- Additional: Flask-Blueprints in views.py & auth.py|Vanilla JS based form validation before backend validation & used prompt, confirm & alert|SQLite3 for storage|Responsive UI & Scroll Carousel

➢ **MOVIE BOOKING (2) SPA USING Vue.js AND Flask**   *LINK*   *(Oct'17 – Apr'18)*
  Technologies Used - **REST-Api, Flask, SQLite, Vue.Js + Router, Ubuntu, JWT, Celery + Celery-Beat, HTML, CSS, Bootstrap, YAML, CSV, XLSXWriter JS, Redis, Mailhog**

- Build an Installable ticket booking SPA PWA using serviceworker.js & manifest.json files.

- Made a Mandatory Role Based Access Control (RBAC) for Admin and Users.

- Created Vue-Router which is defined in main.js that handles all the navigation.

- Admin's CRUD for Venue &Show. Allocate Shows to a Venue. User can Book multiple tickets for upcoming show.-Redis for Caching and Cache-Brocking

- Used Celery for async job of exporting a Venue's Details (.csv format) on Admin's email

- Used Celery-Beat for Multiple Scheduled Jobs like sending Daily Remainder to users to book if no booking made till evening time & Monthly Report of bookings on their emails.

- Users can rate an order based on which Average rating for a Venue is calculated and stored.

- Additional: JWT for auths, login & logout | api.yaml for Api documentation | Protected Routes | Generate Monthly report (.pdf) dynamically using HTML-Jinja | Responsive UI | Suitable models for storage | Search Shows based on tags, location, etc.| Mailhog as Fake Mail Server

ACHIEVEMENTS

HackerRank	- 5 Star in Python
	- 3 Star in Java
	- 2 Star in DSA
LeetCode	- More than 50 questions solved.

LINKS

HackerRank	**Leetcode**	**LinkedIn**	**Github**