Udhaya Kumar RV

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OBJECTIVE

To leverage my Python and web development skills in building scalable backend applications and RESTful APIs. I aim to contribute effectively to real-world projects using Django, collaborate with DevOps for deployment automation, and grow as a full-stack developer by working in a dynamic, team-oriented environment.

Education

St Joseph's Institute of Technology   *Nov 2021 – May 2025*
Bachelor of Computer Science

○ GPA: 7.16

Qualified 12th with 75 percentage, at Maharishi International Residential School.

Experience

Vcodez   *Chennai, TamilNadu*
Software Developer Intern   *July 2024 – Dec 2024*

- **Developed and deployed RESTful APIs using Django Rest Framework**, enabling seamless integration between frontend and backend systems, which improved application response time by 30%.
- **Automated database operations and data processing tasks using Python and Pandas**, resulting in a 50% reduction in manual workload and increased backend efficiency in web application workflows.

Projects

Task Manager Web App (Django + SQLite) – Personal Project

- Developed a full-stack web application using **Django framework** to manage tasks with features like create, edit, delete, and mark-as-complete functionality.
- Implemented **user authentication and session management**, allowing users to register, log in, and view their personal task list securely. .
- Integrated **SQLite database with Django ORM** to store task data and user information, ensuring data persistence and smooth CRUD operations.

RESTful API for a Bookstore (Django Rest Framework)

- Built a backend-only RESTful API using **Django Rest Framework** to manage book records with full **CRUD functionality** (Create, Read, Update, Delete).
- Designed endpoints for book listings, detail views, and category-based filtering, with support for **JSON input/output** and proper status codes.
- Implemented **authentication and permissions** to restrict sensitive operations to authorized users, and tested all endpoints using **Postman**.

Portfolio Website with Django – Personal Project

- Built a personal portfolio website using **Django**, showcasing projects, resume, and contact form with clean routing and templating.
- Implemented **dynamic content management** using Django models and admin panel to easily update project details and contact entries.

SKILLS

Technical Skills: Python, Django, REST API, GIT, Html, Css, Java script, OOPS, Pandas, Excel

DataBase: Mysql, SQLite