

Track: Django:

During my three-month fellowship at Bytewise, I had the opportunity to enhance my skills in Django, HTML, CSS, and AJAX while working on various projects. This document aims to compile the knowledge I acquired during the fellowship, including the projects I worked on, the concepts I learned, and the technologies I utilized.

Projects:

1. Todo List:
2. Netflix Clone:
3. Meetups Management System
4. Employee Management System
5. E-commerce Store
6. CRUD Using Django AJAX
7. API Development with Django Rest Framework

Skills Acquired:

1. Django Development:
 - Developed complete Django-based web applications.
 - Implemented user authentication and authorization.
 - Worked with Django models, views, and templates.
 - Utilized Django's ORM (Object-Relational Mapping) for database operations.
2. Front-end Development:
 - Enhanced proficiency in HTML and CSS for creating visually appealing web pages.
 - Utilized AJAX for asynchronous communication between the front-end and back-end.
3. Database Integration:
 - Integrated PostgreSQL as the backend database for efficient data storage and retrieval.
 - Worked with Django's database migrations to manage database schema changes.
4. API Development:
 - Built RESTful APIs using Django Rest Framework for creating web services.

- Implemented serialization and deserialization of data in API endpoints.

Conclusion:

During my fellowship at Bytewise, I gained practical experience in Django and related technologies. By working on diverse projects, including the Todo List, Netflix Clone, Meetups Management System, Employee Management System, E-commerce Store, CRUD using Django AJAX, and API Development with Django Rest Framework, I developed a solid understanding of Django development, front-end design, database integration, and API development. This experience has equipped me with the necessary skills to contribute effectively to future web development projects utilizing Django and its associated technologies.