Interview Preparation for Python Django Backend Developer

Python Topics

- OOP, SOLID, ACID, Design Patterns

- Python topics: dictator, generator, metaclass, data types

- List, tuple, dict, set

- List comprehension

- Python intro

- Sorting algorithms

- Functional programming

- List unpacking

- Try exceptions

Django

- Django, signals, views, view set, generic view and mixins

- Docker, Celery in Django and Redis

- How to deploy

- CRUD in Django and REST framework API

Database

- DB, query in Django and filtering F, Q

- MVT, load balancer

- AWS intro, EC2, S3, and auto-scaling

- Nginx and how to deploy to AWS

API

- API and auth in REST API and method API

- Microservice and monolithic

- ASR, SSR

Other Topics

- What's different between library, package, module, framework

- Git commands and shortcut concepts in programming