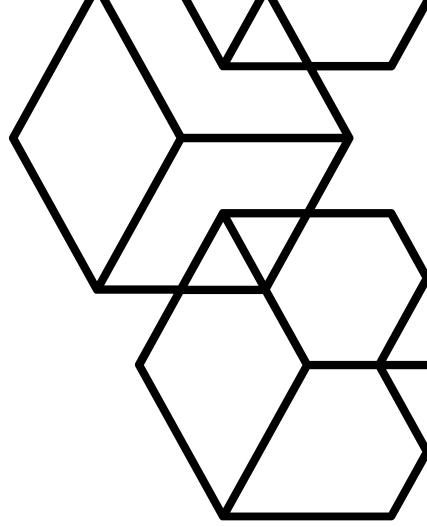# TechXyte

Rest API Course Contents
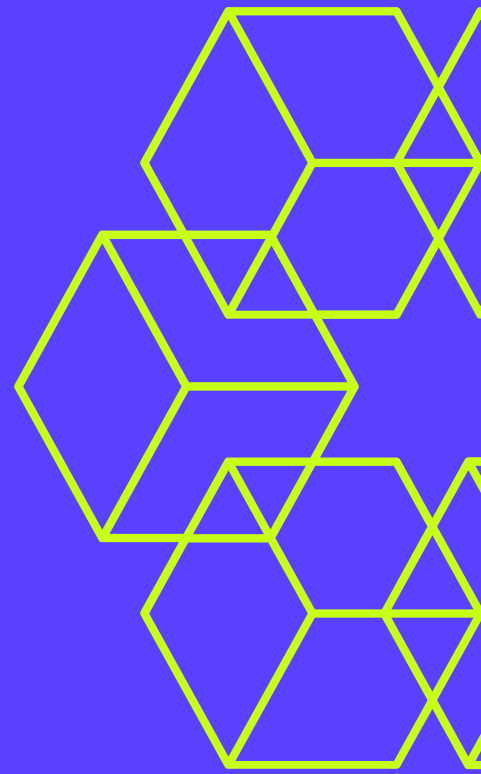
SkyRocket your **Coding Career**

CHAPTER 1 : INTRODUCTION TO REST API

- What is Rest API?
- Evolution and background of Rest API
- How does Rest API work?

CHAPTER 2 : HTTP PROTOCOL AND REST API

- Overview of HTTP methods
- HTTP headers and status codes
- Request and response structures
- API endpoints and their significance

CHAPTER 3 : DESIGNING A REST API

- Key considerations while designing a Rest API
- Choosing the right HTTP verbs
- Understanding and defining resources
- API versioning and documentation
- Security and access control

CHAPTER 4 : IMPLEMENTING A REST API

- Selecting a Rest API framework
- Coding and testing Rest API endpoints
- Working with query and path parameters
- Data serialization and deserialization
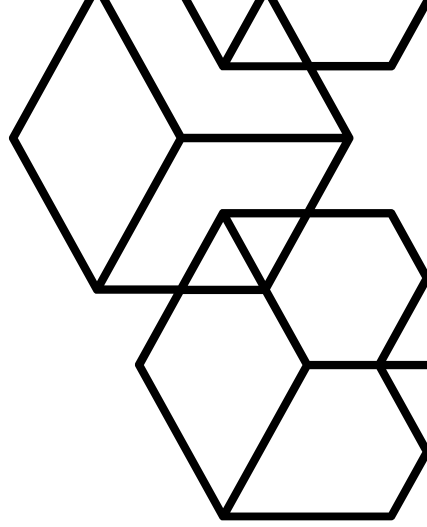
CHAPTER 5 : CONSUMING REST APIS

- Making Rest API requests using curl and postman
- Parsing and handling Rest API responses
- Authentication and authorization while consuming Rest APIs