



# Back-End Development

## What you'll learn

### 01 JavaScript Primer

In this module, you will have a refresher course on JavaScript (Data types, functions, loops, Object-Oriented Programming).

### 02 Setup Development Environment

In this module, you will be introduced to backend Development tools and environments like Terminal, Node.js, Postman API test tool, IDE (Visual studio Code).

### 03 Node.js Documentation

In this chapter, you will be introduced to the official Node.js Documentation where you can find and use its in-built modules.

### 04 Node.js Concepts

In this chapter, you will be introduced to Node.js concepts like Event-driven, Single-thread, Modules, Package manager.

### 05 Deep Dive Node.js Module

In this modules, you will be exposed to Node.js in-built modules such as the file system, http, url, crypto and os in building a RESTFUL API.

## 06 Intro to Express.js

In this chapter, you will be introduced to the Express.js web application framework that provides a robust set of features for web and mobile applications.

## 07 Intro to Database

In this chapter, you will be introduced to different database that can be used to connect and hold data while building a RESTFUL API.

## 08 Testing API

In this module, you will be introduced to different testing concepts like Integration test, Unit test and Functional test that helps build software that meets requirements without defects is testing.

## 09 Project

In this last module, you will build an API that solves a real-world problem