2024

Fundamental API
NodeJS + GraphQL + MongoDB

OVERVIEW

The Fundamental API course (NodeJS + GraphQL + Mongo) is a learning journey into the basics of API development using Node.js, GraphQL, and MongoDB technologies to create and manage web applications communicating via APIs. Participants will delve into JavaScript (ECMAScript), Node.js, Restful API, TypeScript, Nest JS, MongoDB, and Node.js Environment management. They will also learn about Middleware creation and management, Error Handling, and deploying Node.js projects.

Latest training session photo

OBJECTIVES

- To ensure participants grasp the fundamentals of API development using Node.js, GraphQL, and MongoDB.
- To empower participants to efficiently create and manage APIs communicating via GraphQL API.
- To enable participants to utilize TypeScript, Nest JS, and MongoDB for developing and managing projects utilizing GraphQL.

WHO SHOULD ATTEND?

- Software developers seeking to learn about API development using Node.js, GraphQL, and MongoDB.
- Developers looking to understand the usage of TypeScript, Nest JS, and MongoDB for projects utilizing GraphQL
- Individuals interested in developing and managing web applications communicating via GraphQL

PREREQUISITES

- Participants in the course should have basic knowledge of programming with JavaScript.
- Participants in the course should also have fundamental knowledge of web application development.

ALL PARTICIPANTS WILL RECEIVE

- Training manuals/documentation.
- Lunch and refreshments.
- Certification upon completion of the Fundamental API (NodeJS+ Restful+ MongoDB) course.
- Excellent care and attention from instructors and staff.
- Unlimited attendance to the Fundamental API (NodeJS+ GraphQL+ MongoDB) (limited to 5 repeat attendees per training session; if you wish to attend the workshop again, please contact our Facebook Page, Line, Email, or other channels to reserve your seat).
- If you are unable to attend the training session this time, you can reschedule your participation according to the training schedule.

OUTLINE

- Introduction to JavaScript (ECMAScript)
  - Workshop1 - Play with JavaScript
- Introduction to NodeJS
  - Workshop2 - Play with NodeJS
- Introduction to GraphQL
  - Workshop3 - Play with GraphQL
- Introduction to TypeScript
  - Workshop4 - Play with TypeScript

- Introduction to Nest JS
  - Workshop5 - Play with Nest JS
- Introduction to MongoDB
  - Workshop6 - Play with MongoDB
- Introduction to MVC
  - Workshop7 - Routing and CRUD (MongoDB & Mongoose)
- NodeJS Environment (Node ENV)
  - Workshop8 - Using multiple Node ENV
- Nest JS Middleware
  - Workshop9 - Authenticating with Middleware (JWT)
  - Workshop10 - Logging with Middleware
- Error Handling
  - Workshop11 - Handling error with GraphQL
- Build & Deployment
  - Workshop12 - Deploy NodeJS project

CONTACT INFORMATION

www.dkscenter.com | sales@dkscenter.com