

NestJs:

Link: <https://www.udemy.com/course/nestjs-zero-to-hero/>

Requirements

- Having a basic understanding of JavaScript and/or NodeJS
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Introduction:

- Becoming familiar with the NestJS framework and its components

Task Management API:

- Designing and developing REST APIs performing CRUD operations
- Authentication and Authorization for back-end applications
- Test with Postman
- Validation and error handling

Authentication:

- Setting up AuthModule, User Entity and User Repository
- Securely Storing Passwords
- Implementing JWT Validation

Database Integration:

- Using TypeORM for database interaction
- Connect with postgres
- Connect with MongoDB

Extras:

- Unit testing in NestJs
- Integrate GraphQL

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Module	Timings (Hr)
Introduction:	
Introduction to NestJS & Pre-requisites	0.5
Task Management Application (REST API)	3
Validation and Error Handling	0.5
Data Persistence - PostgreSQL and TypeORM	2.5
Authentication	
Auth Part 1 - Authentication	2
Auth Part 2 - Task Ownership and Restrictions	1
Extras:	
(Bonus) Logging	0.5
(Bonus) Configuration Management	0.5
(Bonus) Front-end Application	0.5
(Bonus) Deployment	0.5
(Bonus) Unit Testing	1.5
GraphQL + MongoDB	2.5
Total	15.5