Full-Stack Web Development with GraphQL and React

Description

Unearth the power of GraphQL, React, Apollo, Node, and Express to build a scalable, production ready application

Key Features

- Build full stack applications with modern APIs using GraphQL and Apollo
- Integrate Apollo into React and build frontend components using GraphQL
- Implement a self-updating notification pop-up with a unique GraphQL feature called Subscriptions

Labs

1. Preparing Your Development Environment
2. Setting up GraphQL with Express.js
3. Connecting to The Database
4. Integrating React into the Back end with Apollo
5. Reusable React Components
6. Authentication with Apollo and React
7. Handling Image Uploads
8. Routing in React
9. Implementing Server-Side Rendering
10. Real-Time Subscriptions
11. Writing Tests
12. Optimizing GraphQL with Apollo Engine

What You Will Learn

- Resolve data from multi-table database and system architectures
- Build a GraphQL API by implementing models and schemas with Apollo and Sequelize
- Set up an Apollo Client and build front end components using React
- Use Mocha to test your full-stack application
- Write complex React components and share data across them