

Day 1: Introduction to Express.js 1.1. Overview of Express.js 1.2. Setting Up Your Development Environment 1.3. Hello World with Express.js 1.4. Routing in Express.js 1.5. Middleware in Express.js

Day 2: Building RESTful APIs 2.1. What is RESTful API? 2.2. Creating RESTful Routes 2.3. Handling HTTP Methods (GET, POST, PUT, DELETE) 2.4. Request and Response Handling 2.5. Express.js and JSON Data

Day 3: Working with Templates and Views 3.1. Template Engines (e.g., Handlebars, EJS) 3.2. Rendering Views in Express.js 3.3. Data Passing to Views 3.4. Layouts and Partial 3.5. Error Handling in Express.js

Day 4: Database Integration 4.1. Connecting to Databases (e.g., MongoDB, SQL) 4.2. CRUD Operations with Express.js 4.3. Mongoose (for MongoDB) 4.4. SQL ORM Integration 4.5. Database Best Practices

Day 5: Authentication and Security 5.1. User Authentication Strategies 5.2. Passport.js for Authentication 5.3. Session Management 5.4. Data Validation and Sanitization 5.5. Security Best Practices

Day 6: Advanced Topics and Deployment 6.1. File Uploads and Handling 6.2. Real-time Applications with WebSockets (e.g., Socket.io) 6.3. API Testing with Tools like Postman 6.4. Deployment Options (e.g., Heroku, AWS) 6.5. Course Recap, Best Practices, and Future Trends