

NodeJS and Express Training

Trainee Name:	Starting Date:
Reporting Sr. Name:	Completion Date:

Sr. No	Topic Name	Start Date	End Date	Sign
1	<p>Javascript Basic Concepts</p> <ul style="list-style-type: none"> → Add html tags in JS → Comments → Variables (var,let,const) → Data Types,RegExp → Arithmetic Operator , Assignment Operator,Comparison Operator,Logical Operator,Conditional Ternary Operator → If statement,If else statement,If else if Statement,Switch Case → Switch Case,Alert Box,Confirm Box,Prompt Box → Functions,Function with parameter,Function with return value,Global & Local Variables → Events, While loop,Do while,For loop,Break & Continue, Nested Loop → Array, Multidimensional Array ,Array modify, Array delete, Array sort, Array reverse, Array push, Array pop, concat, Join, slice, splice, isArray, indexOf, lastIndexOf, array includes, some, every, find, findindex, filter, toString, valueOf, fill → foreach loop, object, array of object, const variable with array, const variable with object, for in loop, map method, String methods, Number methods, Math methods,Date methods → set interval, clear interval ,set timeout, clear timeout 			

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	https://www.youtube.com/watch?v=dlfrWbYk1v0&list=PLRAV69dS1uWTSu9cVg8jjXW8jndOYYJPP			
2	<p>Ecmascript(es6)</p> <ul style="list-style-type: none"> → Babel → Let Const → Classes & inheritance → Template Literals → String Numbers Methods → Default Params & Spread operators → Arrow Functions → Promises <p>https://www.youtube.com/watch?v=2Leqillw-28&list=PLlilGF-RfqbZ7s3t6ZlnY3NjEOOX7hsBv</p>			
3	<p>Node.js</p> <ul style="list-style-type: none"> → Installing node.js → Built-in Modules 			
4	<p>Node.js - File System Module</p> <ul style="list-style-type: none"> → Create files → Read files → Update files → Delete files → Rename files <p>https://www.w3schools.com/nodejs/</p> <p>https://www.tutorialspoint.com/nodejs/index.htm</p>			
5	<p>URL Module:-</p> <p>https://www.w3schools.com/nodejs/nodejs_url.asp</p>			
6	<p>Node Package Manager (NPM)</p> <p>https://www.w3schools.com/nodejs/nodejs_npm.asp</p>			
8	<p>Node.js Events</p> <p>https://www.w3schools.com/nodejs/nodejs_events.asp</p>			

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9	<p>Node.js Upload Files</p> <p>https://www.w3schools.com/nodejs/nodejs_uploadfiles.asp</p>			
10	<p>Send an Email</p> <p>https://www.w3schools.com/nodejs/nodejs_email.asp</p>			
11	<p>Express framework</p> <ul style="list-style-type: none"> → MVC Structure → Basic Routing → Serving static files → Writing middleware → Ejs template engines → Error Handling → Async,await → Database connection(mongoose) → Server side validations → Create Model → Crud operation → Send Mail(Node Mailer) → Login logout using passport(local LocalStrategy) → Social Login(Gmail, Facebook) → Principles of REST → HTTP methods(Get,Post,Update,Delete,Put) → HTTP Status Codes → HTTP headers to Send Metadata → JWT-Based Authentication → upload base64 image → PDF Generations 			

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	<ul style="list-style-type: none"> → Excel import → Excel export → Server Side datatable → Layout Setup → Image Resize → Bull setup (Horizon) → Cron job → Encrypt Decrypt string & password → Global error handling → Moment (Date) → Crud with mysql database (All queries) https://www.youtube.com/watch?v=fBNz5xF-Kx4&list=PLlIGF-RfqBZ2ybcoD2OaabW2P7Ws8CWu → https://www.youtube.com/watch?v=k_0ZzvHbNBQ&list=PLlIGF-RfqBYRpi8t4SxUkMxfowG4Kqp → https://subscription.packtpub.com/video/application-development/9781838826864 → Third party Apis → Rest Apis https://subscription.packtpub.com/video/Web-Development/9781800569638/p8/video8_6/-reset-password 			
12	<ul style="list-style-type: none"> - Video for advance socket programming https://www.youtube.com/watch?v=fBNz5xF-Kx4&list=PLlIGF-RfqBZ2ybcoD2OaabW2P7Ws8CWu https://www.udemy.com/node-with-socketio-build-a-full-web-chat-app-from-scratch/learn/v4/overview 			

Overall Remark By Sr. Developer:

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Sign

Sr. Developer

Declaration:

By Submitting this form, I hereby confirm that I've thoroughly attended this training program theoretically and Practically, and I will be able to implement my learnings on the live project easily without taking any longer time.

Developer Sign

LightPDF