Full Stack JavaScript Bootcamp 2.0

Learn everything about JavaScript with React, Nodejs, MongoDB, React Native, Tailwind, etc. Build industry-ready projects for web and mobile.

What you'll learn

Getting started

Introduction to web dev
Get the development tools
your first hello world
Goal of this course and instructions
Tools for backend developer
Mongodb MAC install
Mongodb WIN install
MongoDB in cloud - Atlas
Mongo GUI - compass

We do not write without emmet

Getting started with emmet
Ememet and speedy html
Parent child and grouping
emmet in css

HTML and DOM

An old style blog
Why DOM is important
Inline vs Block and bring in images
Lists and interlinking pages
Getting a video on service page
3 Plans in a table
GET and POST forms
Types of input forms

Starting with CSS

Secret to learn CSS
Explore and bring in fonts
Bring in colors and styles
Transition and box shadow DOCS
Margin and padding
Button gets all and assignment

Working on coming soon template

Introduction to CSS variables and new project
Browser defaults and variables
Getting more control over elements

Mobile responsive webpages

What are media queries
Media query in action

App landing page - setup
Navigation bar for website
Bring content in columns
Cover image in css
Start with flexbox
Buttons and columns in flexbox
Absolute position in CSS
Media query for 2 screens

Register a new account

Handle conflict in CSS
Strategy and placing html
Class and ID for testers
Where to use z index
Bootstrap style of CSS
Fixing CSS on form
Doing your assignment

CSS animation and libraries

Animation and keyframes
Third party animation library
Razorpay style clipping
Not a payment gateway integration

Flexbox in CSS

What is flexbox
Get to know the power of flexbox
Flexbox series-Axis and Flex direction
Flexbox series -justify content
Align items in flexbox
Flexbox series ordering the elements
Flex grow in flexbox

Projects- HTML & CSS

Mock up with design files to code files -1
Mock up with design files to code files -2
Mock up with design files to code files -3
Mock up with design files to code files -4
Mock up with design files to code files -5

JavaScript Refresher

Welcome to JavaScript Course
What are JavaScript engines
What ES version of JavaScript is good for us
Variable and datatypes in JavaScript
Our first User Signup
Operators in JavaScript Calculate discount
Type and Operator precedence in JavaScript
What are conditionals in JavaScript
Logical conditional Login in JavaScript
Ternary operator in JavaScript
Switch for role-based access in JavaScript
Coercion and falsy values in JavaScript
Basics of functions in JavaScript
Functions in variable User Role in JavaScript
Understand the context in JavaScript
Code hoisting in JavaScript
Scope chaining in JavaScript

Light intro to THIS in JavaScript
Introduction to Array in JavaScript
Callback and arrow function introduction in array
Fill and Filter in Array in JavaScript
Slice and Splice in JavaScript
Objects in JavaScript
Methods and objects in JavaScript
For loop basics in JavaScript
While and do while loops in JavaScript
For Each loop in JavaScript
For in and for of loop in JavaScript
Confusing part of THIS in JavaScript
What is DOM
How to grab web elements in JavaScript
A counter project in JavaScript
Get Computed properties in JavaScript
Event listener in JavaScript
New keyword in JavaScript
What is proto in JavaScript
Better code with object chain in JavaScript
Objects from MDN docs
Self-Executing Anonymous Function and functional programming
Lexical scoping in JavaScript
Closure in JavaScript
Borrow a method using bind
Get to know node Elements in JavaScript
Generating elements and Text node in DOM
Solution of Scope problem in JavaScript
Template literals in JavaScript
Maps in JavaScript
Destructure the data in JavaScript
Spread and REST operators in JavaScript
Classes and module exports in JavaScript
Private props getters and setters in JavaScript
Inheritance in JavaScript
Event loop Will JavaScript wait
Promise async and await in JavaScript
How to Handle API in JavaScript
Get to know game files
Logic of game JavaScript
Fixing the bug in game JavaScript
What is new in JavaScript 2021
Why iife appears in JavaScript interviews
Quirky Behavior of JavaScript

Proejct - Javascipt

Project overview
Project business case
Project Mockup
Project setup
Project code
Project Deployment
Project hyper care

JavaScript interview questions

JavaScript industry ready interview questions - 30

Introduction

Into to REACTJS course

Getting started with ReactJS

How to use exercise files
What is react and myths
Tools that we need

Going All classic

Section 2 introduction
Finishing the hello world task
Delete and recreate everything
Adding CSS to our Hello World
Everything in its own file
Reusable components

Create a react template

Section 3 introduction
Understand the existing template
Move navbar and understand the errors
Convert the HTML template into React App
Reusable Card and Assignment

Getting friendly with states

Section 4 introduction
What are props and states
Preparing the state based applications
Complete counter application
Assignment for counter app

Building a Tic Tac Toe

section 5 Introduction
Your need to study first
Preparing the Tic Tac Toe
Sending icons from components
Setup layout for tictactoe
Game is almost working
Finishing tictactoe and assignment

Learn React Context API with projects

Section 6 Introduction
The problem that contextAPI solves
Detail on Context and Provider
Detail on Consumer in contextAPI
Understand the working of dark and light mode
Creating a theme Toggler with Context API
Finishing the theme switcher app

App with Context API with reducers and actions

Section 7 introduction
What are we building here
Create brain of the application
useReducer for our app
Add an input form
Sending a dispatch
Display the context data and dispatch

Local storage and useEffect hooks

Section 8 introduction
Introducing the Effect hook
A form to submit the data
Looping through all the values
Hooks and local storage in action

Learn to handle API

Section 9 introduction
Learn to read docs for API
lets read Axios docs
Drill down the API
Extracting information from API

Designing a shopping cart API

Section 10 introduction
A walk through Pexels and JSON
Add item to the cart
Buy item and remove item
Fetching photos from API
Store everything is state
Card for every product
Create cart section
Bring the shop together
Removing the duplicate

Firebase with Github App

Section 11 introduction
What we are about to build
React Router crash course
Your tour to configure firebase
Read firebase docs with me
Creating components for firebase app
Bring in the react router
Headers and Footers
Conditional rendering in Navbar
Adding firebase configuration
User Signup in firebase
Logout and signin user
User card component
Repo component
Home page and finish the app

Firebase real time database

Section 12 introduction
A challenge application
Firebase real time database
Setting context and actions
Creating reducers for contact
Header and Footer tasks
How to upload image in firebase storage
Add and update contact in firebase
Add or update finder
Update star and delete contact
Use dispatch and FIXME
Get all data from firebase
Loop through firebase object
Firebase finale and assignment

Bonus-Redux App

3 Principles of redux
Bring in the central state
Actions make redux simpler
Reducer - brain part of app
Component dispatching the info
2 most important method for Redux
Provider to give access of store
Finally creating that store

React project

Chat app with react
Project overview
Project business case
Project Mockup
Project setup
Project code
Project Deployment
Project hyper care

React interview question

React industry interview question - 30

Resume Discussion

Key points for your resume
Templates for resume
Project for your resume
prepare your GIT
prepare your social media profile
prepare your demo for your resume
Detail project report
resume verification
place where you can apply for job
Final touch
Go get your Dream job
Key points for your resume
Templates for resume
Project for your resume
prepare your GIT
prepare your social media profile
prepare your demo for your resume
Detail project report
Resume verification
Place where you can apply for job
Final touch
Go get your Dream job
Resume Discussion

MongoDB

What is mongoDB
How does mongoDB works
What is mocha and need of mocha in mongodb
Big umbrella of MongoDB
How to install mongoDB on MAC
How to install mongoDB on Windows
Create and Read operation in MongoDB
ObjectID and BSON in mongoDB
Triple A and CRUD operations in mongoDB
UpdateOne and DeleteOne in #mongoDB
UpdateMany and deleteMany in mongoDB

Database issues with Update in mongodb
Getting more data in #mongodb
Save bandwidth while querying in mongoDB
Understanding objects structure in mongoDB
Understanding Arrays in mongoDB
What is schema in mongoDB
Database modeling mongoDB series
Relation in database mongoDB
One to one relation in mongo database with id
One to many relation in mongo database
Many to Many relation in mongoDB
Exploring mocha, mongo and mongoose
Creating file structure and installing dependencies
Creating our first student schema
Connecting with mongodb with mongoose
BlueBird and Q promises
Hooks in mocha
Describe and it blocks for mocha test
Your first create test using mocha
Using beforeEach in mocha tests
A read test in mongoDB
A delete test for mongoDB
An update test in mongoDB

Project :- Take it up to Heroku - Production

Things you need to deploy on Heroku
Plan your application
Types of web request
Framework - Express, Koa, Hapi
Starting with package JSON file
Your first express app
Request Response and Status code
All social routes
Handle the date situation
Parameters and bugs in route
Pushing app to HEROKU
Debug social app in production

Project:-Swagger Docs

What is swagger and api docs
Nodemon ext and YAML docs
Authentication token for swagger docs
Docs for HTTP methods swagger
A new documentation centric project
Setup information - swagger
Authentication and Authorization - swagger
String based GET request - swagger
handling objects - swagger
handling array in Swagger docs
Sending data in URL - swagger
managing request body in swagger
handle url query in swagger
handling images in swagger
handling header tokens in swagger

Project:-Authentication

What we have done till section 3 - backend
Hiding secrets in backend
Picking up a database for backend
Why we need mongoose - ODM
Pro db modeling tools

Creating model for auth system
Creating basic structure for auth system
Creating user schema and dotenv
Registering a user in auth system
Database connection in auth system
What is a middleware
Handling password situation
What is JWT and creating token
Register route in auth app
Login flow for auth app
Web vs Mobile
Writing custom middleware
Setting up secure cookies

Project :-File, image and form handling

Why people face issue in image upload
Cloudinary and EJS
How GET works and postman issues
Using template engines
Biggest confusion in front end forms
Handling images in forms
Handling images in forms part 2
upload image to cloudinary or other providers
Handling multiple files and uploading them

Project:- Theory and Razorpay

File structure for production app
Getting a logger - MORGAN
Error handler and Promises
Sending emails using nodemailer
Why mongoose docs are important
Razorpay project
Razorpay front end integration

Project:- Big Ecommerce app starts

Project requirement
User modeling and file structure
Product model discussion
Order Model discussion
How forgot password feature work
Functions in user model and hooks

Project:- Basic Config and imports

Getting files and folders ready
Preparing basic express app
Routes and controllers in dummy
Injecting docs and middleware
Custom error handlers
The big Promise

Project:- User model and signup

Creating a user model and validator
password encryption and mongoose prototypes
Validating the password
creating JWT tokens
forgot password and crypto hashing
User routes and postman
Signup a user and cookies

Database connection
Testing the user signup with postman
Handling image upload
Testing photo upload and user signup
yes, we know about postman files

Project:- User controllers and routes

Login route and controller
logout controller and route
Send email from node
Forgot password controller
Reset password controller and routes
Middleware - injecting information
User dashboard controller and routes
Update the password for a user
Updating the user profile
User, admin, manager and more roles
Manager only routes
Admin get a single user
Admin can update any user
Admin can delete a user now

Project:- Working on Product Model

Product middileware setup for routes
Product Model and refs
A long talk on URL replace and mongo operators
Creating a product
Where clause in search
Where clause Pager
Aggregation filer in Where Clause
Get all products with WHERE and pager
Debugging and testing of product add and get

Project:-More routes in Products

Single product route
Update the product with photos
Delete a product and minor bug
Testing and debugging
Add a review
Delete a review and requested routes
Configure routes for reviews

Project:- Razorpay and Stripe

Stripe Docs
Stripe controllers
Razorpay payments and order
Setup payment routes

Project:- Processing Orders

Order model in action
Creating a order and BSON
Testing create order and routes
Populate fields in order
Order of routes is important
Updating the stock
Delete order and push to git
Pushing code to production server

Project :- Auth and Social Logins

Social login foundation and demo app
Consent screen and API keys
Why passport js
Package installation
Home routes and EJS
Preparing routes for login
Showing consent screen of google
Getting information and email from google
Moving google data to database
Serialize and deserialize user
Protect the Home

Web Development interview question

industry ready interview question - 100

Resume Discussions & Preparation

Key points for your resume
Templates for resume
Project for your resume
prepare your GIT
prepare your social media profile
prepare your demo for your resume
Detail project report
resume verification
place where you can apply for job
Final touch
go get your Dream job

Getting started with React Native

What is React native
Tools we will need
Installation of tools in MAC
First Hello World in Android emulator
How to install chocolatey in Windows
Android installation and setup on WINDOWS
Running your first react native app on Windows and AVD
Run app on real Android device

Getting started with First app

Strategy for this app
What is metro
File structure of react native app
Get it done from scratch
3 ways to style elements in react native
More styling of text
State in react Native
Touchable and props in react native

App to handel Images

Strategy for dice roller app
Basic structure of dice roller
Writing CSS for dice Roller
Dice roller complete and 2 assignments

App to handle sound

Strategy to handle Spanish number app
Adding third party code in react native
ScrollViews and sound import in react native
Unique keys for iteratable in React Native
More on React native flexbox
Playing sound in react native app

App to handle user Input

Getting started with currency App
Basic currency values
Formating text input and result container
Buttons and keyboard dismiss
Handling error in input

Camera App - Profile Picture

Permissions in Camera App
Having image in state
Click a photo
Load image from state

Handel third party lib with Game app

Getting started with native base
Installation and configuration of native base
Your first custom component
Having a plan of action for ticTacToe
Win message and reset game
Finishing game and debugging

Reactive native router and local storage

Overview of netflix store app
Going with all installation and screens
Getting navigation setup ready
Adding a FAB and moving to add screen
UI for add season list
Async Storage in react native
Home screen setup for seasons
React native hooks
Custom hooks in react native
Checked and delete seasons
Update and fix the bugs

Handling API and web requests

Getting started with API
How to read API
Fetch a web request
Pass info to another component
making card for user

Redux in React Native

Getting started with Redux
Redux Three Principles
action in REDUX
Reducer in REDUX
Store in REDUX
Provider in REDUX
Dispatch props in REDUX

state to props in redux

Instagram clone - Mega Section

Instagram challenges in app
Having a firebase project
Connect firebase to RN project
Auth and Database basics in RN
Enable MultiDex and action
Signup a new user
Register a user in database
Signin and signout a user
Dispatch and database events
Handling all reducers
Lets create a lot of files
Store provider and new workflow
Ask Permission to user
Redux hooks and firebase subscribers
screen options to Custom header
Custom header component
Midway debugging session
Prep work for image upload
Upload image to firebase from mobile
Testing signup in firebase
Handle signin screen and testing
UI and config for addPost
Adding post to firebase
sending post to firebase and resolving bugs
Handling home page
Iron out bugs and prepare post component
Like and dislike feature

Mega Project

Food Delivery Application
Ecommerce
Stackoverflow Clone

Mock Interviews

Mock Interviews

Course language: English

Price : Rs.17700/-

Instructor(s)

- Hitesh Choudhary
- Anurag Tiwari

Course Features

- Full stack Web Developer certification
- Job guarantee Program
- One year of internship
- Revision Classes
- Online Instructor-led learning: Live
teaching by instructors
- 50+ hands-on industry real-time
projects.
- 100+ hours live interactive classes.
- Every week doubt clearing session after

the live classes.
- Lifetime Dashboard access
- Doubt clearing through mail and discussion forum
- Assignment in all the module
- Quiz in every module
- A live project with real-time implementation
- Resume building
- Career guidance
- Interview Preparation
- Regular assessment
- Job Fair and Internal Hiring
- Mock Interview
- Course material
- Course resources
- On demand recorded videos
- Practical exercises
- Quizzes
- Assignments
- Course completion certificate

System Requirements

- System with Internet Connection
- Interest to learn
- Dedication