GeeksforGeeks

# Full Stack Development with React & Node JS

**LIVE** ⬤
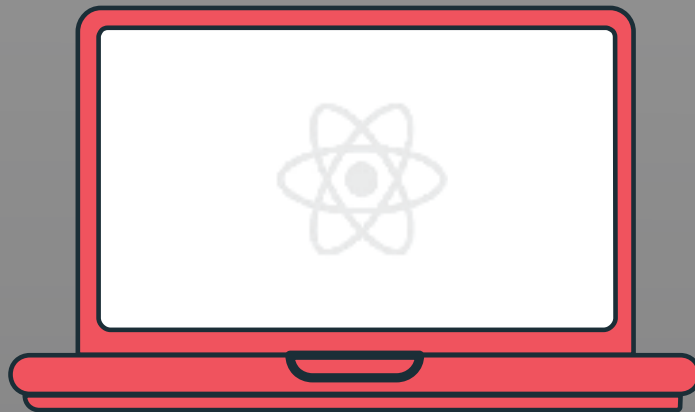
**1500+** Enrolled

**4.8** Rating

**10** Weeks | **50+** Hours | **LIVE** Mentorship | **JOB** Portal

**~MASTER FULL-STACK THE RIGHT WAY~**

# CONTENT

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## Mr. Sandeep Jain
**Founder & CEO – GeeksforGeeks**

He started this Journey with just one thought- every geek should have access to a never ending range of academic resources and with a lot of hardwork and determination, **GeeksforGeeks** was born.

Through this platform, he has successfully enriched the minds of students with knowledge which has led to a boost in their careers. But most importantly, GeeksforGeeks will always help students stay in touch with their Geeky side!

I understand that many students who come to us are either fans of the sciences or have been pushed into this field by their parents.

And I just want you to know that no matter where life takes you, we at GeeksforGeeks hope to have made this journey easier for you. **,,**

# COURSE OVERVIEW

In this Live course, you'll learn the basics of Git, Front End Web Development, JavaScript and then will further move on to learning the top two libraries- React JS and Node JS. You will also be creating an industry-ready single-page web application.

Towards the end, you'll have completed a product called Leadstagram/ Mini Facebook. You'll also learn how to deploy and maintain an application with the complete DevOps workflow. We will try out multiple deployment methods such as AWS, Netlify, GitHub Pages, etc. and also look into various CI / CD Pipelines like Travis-CI & GitHub actions.

You can attend this class from anywhere and ask your doubts without hesitation! FSRNL Classes are scheduled every Saturday & Sunday.

👁 **VIEW DETAILED SYLLABUS**

The **Doubt Assistance** would be available for a period of 6 Months post the completion of the course and the **Course Recordings** will be available for an year post the completion of the batch.
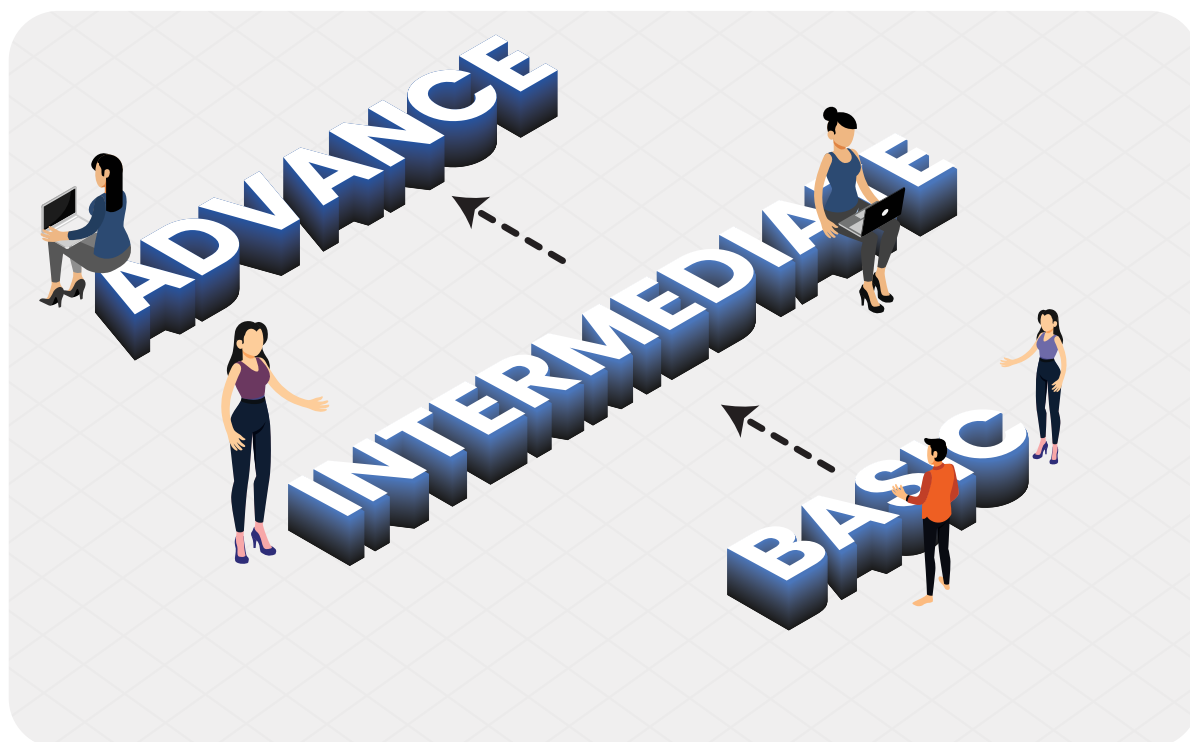
# WEEKLY SCHEDULE

### Week 01: Introduction to Web Development & Version Control
Class 1: Introduction to HTML & CSS

Class 2: GIT & Responsive Design

### Week 02: Advanced HTML, CSS, and JavaScript Fundamentals
Class 3: Advanced CSS Techniques & Best Practices

Class 4: JavaScript & ES6 Essentials (Part 1)

### Week 3: Advanced JavaScript Fundamentals
Class 5: JavaScript & ES6 Essentials (Part 2)

Class 6: JavaScript DOM Manipulation

### Week 4: React Basics & Building Components
Class 7: Introduction to React & JSX

Class 8: React Components, Props & Conditional Rendering

### Week 5: React State Management and Routing
Class 9: React States & Hooks

Class 10: React Routing and Types of Routers

# WEEKLY SCHEDULE

## Week 6: React LifeCycle & Introduction to Node.js

Class 11: Class-Based Components, React Lifecycle & Context

Class 12: Introduction to Node.js

## Week 7: Node.js Advanced Concepts and RESTful API Mastery

Class 13: Node.js Advanced Concepts

Class 14: Building RESTful APIs with Node & Express.js

## Week 8: Mastering MongoDB  - From Introduction to Advanced Features

Class 15: Introduction to MongoDB & Mongoose

Class 16: MongoDB Indexing, Aggregation & Security

## Week 9: Advanced State Management with Redux and Express.js API

Class 17: State Management with Redux

Class 18: RESTful API Development with Express.js

## Week 10: Major Project Development and Deployment Strategies

Class 19: Major Project - Developing an E-Commerce Website

Class 20: Deployment and Hosting

# COURSE BENEFITS

Live Interaction with the Mentor

Frequently asked Interview questions

Complimentary Course Access

Doubt Assistance

Contest & Quizzes

Enhance your Resume

Course Completion Certificate

Limited Batch Strength

Doubt Solving Sessions on Weekdays

10+ Projects

# PROJECTS

## Major Project

**E-Commerce Website**
The E-Commerce project is a user-friendly web app with secure authentication, an organized product catalog, and a seamless shopping experience including the feature of rating and reviewing the product. It features a responsive design and robust security measures for a secure online shopping environment.
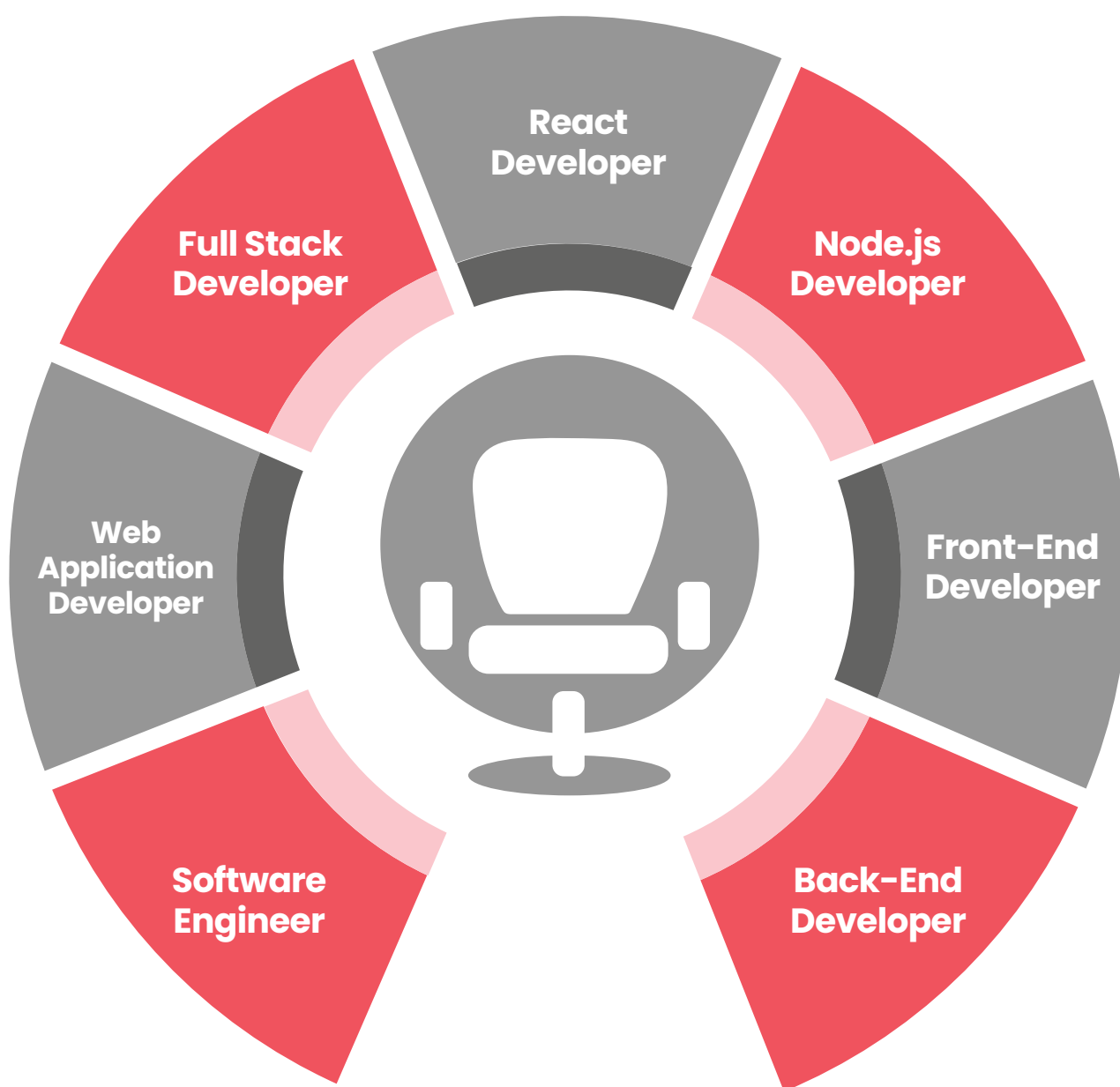
## Additional projects for practice (Recorded format)

- **Fotoflix app - Frontend Project**
- **Spotify Clone - Frontend Project**
- **Browser Extension - Mini Project**
- **Quiz App - Mini Project**
- **Breeze Travel - Major Project**

# JOB OPPORTUNITIES

## From Classrooms to Careers:
The Top Job Prospects
Waiting for You

React
Developer

Node.js
Developer

Full Stack
Developer

Front-End
Developer

Web
Application
Developer

Software
Engineer

Back-End
Developer

# WHERE OUR ALUMNI WORK

accenture

Microsoft

Google

amazon

Infosys

intel

Capgemini

Cognizant

wipro

HCL

Goldman Sachs

ORACLE

airtel

Flipkart

tcs

Paytm

CISCO

hp

DELL
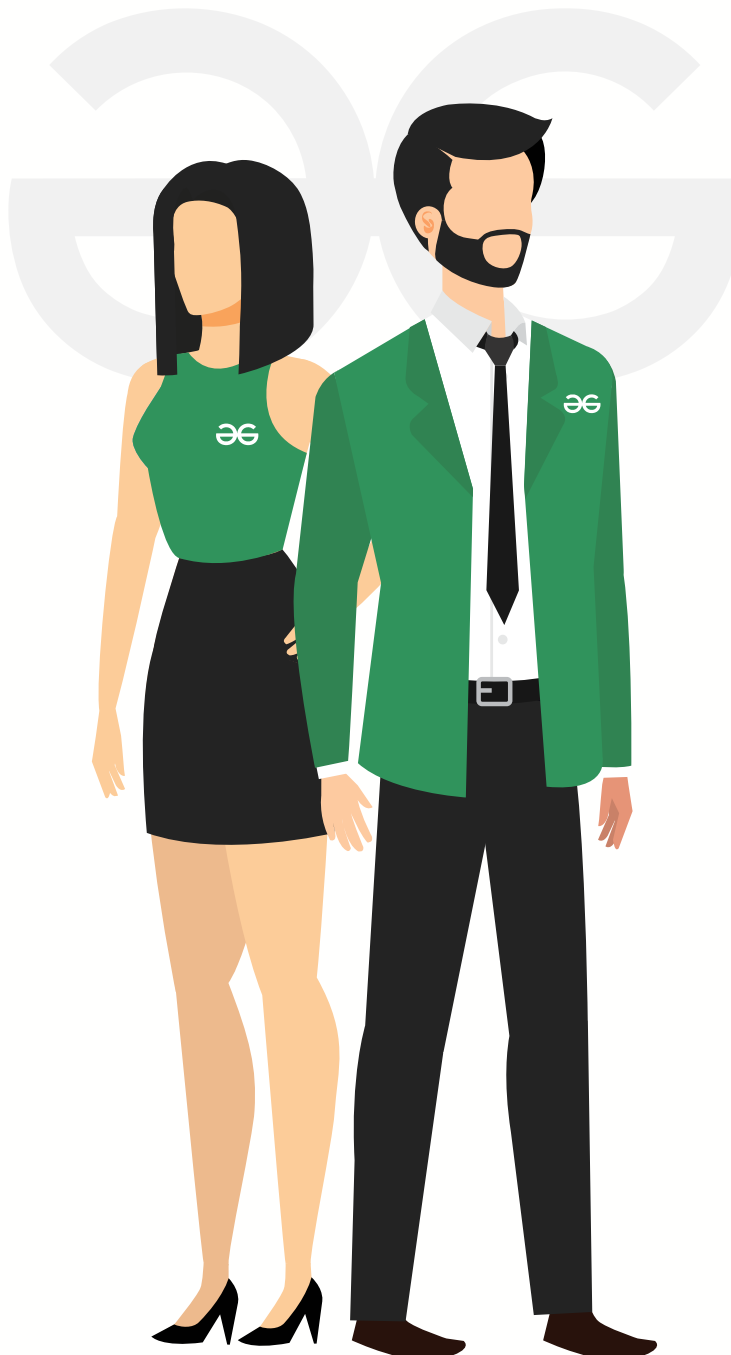
salesforce

# SUCCESS STORIES

**Shivam Kaushik**

Associate Consultant & Implementation Engineer at

Tricentis

GeeksforGeeks is there in my life since my college journey began, it has helped me in the placements as well as in my college studies. From learning the very first programming language to getting placed in one of my favorite companies, GeeksforGeeks has played a vital role in shaping my career. I was interested in technical roles from the very start and later came across the GeeksforGeeks portal. I have taken two courses from GFG, namely, Full Stack Development with React & Node JS and Data Structures and Algorithms. The projects that I built were of high level, but with the DSA course, it was possible to complete my project without any difficulty. Not only this, but these courses helped me to excel in the coding and technical interview rounds. My instructor was very kind and helpful throughout the entire course. I would recommend these courses to everyone who is preparing for their placements and those looking forward to learning new skills.
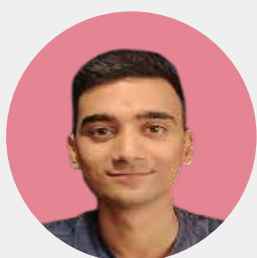
**Tejas Pradhan**

Internship at

Deutsche Bank

This course was packed with amazing and well-organised content! The project-based approach of this course made it even better to understand concepts faster. The instructor is really good and knowledgeable. After this course, I was able to master the MERN stack and learn advanced concepts related to web development. I have built a strong profile with multiple projects. I also delved deeper into these technologies which in turn helped me to secure an internship offer at Deutsche Bank.

# SUCCESS STORIES

**Sayan**

Placed as a
Senior Software Engineer at

APISERO

The course was really awesome. Taking these classes over the weekends I have been able to dive into the field of full-stack development efficiently. The mentor really introduced us to all the concepts that we need to know well to become a full-stack developer. Developing projects on my own strengthened my knowledge and gave me confidence with APIs and React components. The ability to implement REST APIs was a plus point in one of the interviews, I feel. The best thing about this course in my opinion is the hands-on approach which, for me, is the best way to learn anything.

**Shahiaskand**

Placed as a
Jr. Software Engineer at

BLUEMBRELLA

This course helped me in getting brief knowledge about node js and React due to which I have upgraded my technical skills for development. Not only that with the help of this course I was able to get more job offers from IT companies. The course teaching style was spot on and I was able to grasp more than enough to become a decent node js and react developer.

# REVIEWS

## Suveda Rawat
★★★★★

This course offers a comprehensive and well-structured approach to full-stack development with React and Node JS. The content is organized logically, making it easy for beginners to follow, while also providing in-depth insights for more experienced developers!

## Pritam Panchal
★★★★⯪

What sets this course apart is its emphasis on practical, real-world applications. The projects and exercises are not just theoretical, they mirror industry scenarios, giving students a valuable hands-on experience! Highly recommended!!

## Parul Kumar
★★★★★

I appreciate the effort to keep the content up-to-date with the latest technologies in React and Node JS. This ensures that students are learning relevant skills that are in demand in the industry!

## Anshu Rajput
★★★★⯪

This course goes beyond the basics, providing an in-depth understanding of both React and Node JS. The mentors cover advanced topics, ensuring that students are well-equipped to tackle complex projects!

# QUESTION & ANSWER

I have very basic knowledge of HTML/CSS. I am interested in Full Stack Development. Will I be able to cope up with the course?

Basic knowledge of HTML/CSS is more than sufficient to initiate this course. This is a Live Course, you will get to have Project-based learning providing not only conceptual knowledge but also hands-on experience at the same time.

How does Doubt support Work?

There are two ways in which a student can get their doubts resolved.

1. This is a Live course, you can directly interact with the mentor during the class and get your doubts resolved.

2. There is a discussion forum integrated on the dashboard under each video and with problems. You can simply comment and ask your doubts there. Almost all doubts are instantly resolved by course mentors/TA's. Also, there is a separate discussion forum available where you can simply comment for any other doubt or course-related query.

What if I miss out on any Live-session? How will I cover up?

To help out the students in every possible way, we provide the recordings of the Live lectures that are conducted. If a student misses out on any lecture, he/she can find the recordings and can go through them. In case of any further queries, they can be resolved with the help of the mentor. The recordings are uploaded in the next 48 hours of the class and are available to students for a duration of 1 year post the completion of the course.

**Is this course suitable for a student/working professional?**

This course is suitable for both students and working professionals who are interested in Full-Stack Development and want to gain some hands-on experience.
Any working professional who has basic knowledge of the technology and wants to excel in the field can opt this course. Any student who is in his/her pre-final/final year preparing for placements and wants to work on a project side by side can go for this course.

**Are projects important for Resume? Will I be able to add the project made in this course to my resume?**

Projects do play an important role to showcase that a candidate not only has conceptual knowledge but also the hands on experience on the technology which is quite beneficial in bagging out great opportunities. This is a Live course, candidates will be making the projects under the guidance of the mentor. These projects can be easily showcased in their respective resumes.

**How many projects will be covered in this course?**

In this course, we will be covering 1 Major & few Minor Projects. These projects will be sufficient enough for a candidate to gain hands-on experience on Full-Stack Development.

# Geeks Learning Together!

A-143, 9th Floor, Sovereign Corporate Tower, Sector-136, Noida, Uttar Pradesh - 201305

For any query, Connect us at:

📞 08069289001    ✉ courses@geeksforgeeks.org