



GeeksforGeeks

# JAVA

## Backend Development

LIVE 



**2100+**  
Enrolled



**4.9**  
Rating

**12**  
Weeks

**60+**  
Hours

**LIVE**  
Mentorship

**24X7**  
Doubt Support

**BE THE DEVELOPER OF YOUR CAREER**

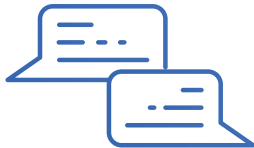
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# EXPERT ADVICE

**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

A course designed by industry experts to help you learn advanced Java, Spring / Spring Boot, Hibernate, RESTful APIs, Micro-services & related technologies to build Java-based web applications. The course will be taught by industry experts who have hands-on experience in this field. The course is inclusive of multiple projects based on real-world applications which will add stars to your resume. These are live and interactive sessions so you can ask your doubts with ease! JBDL is a weekend Live classes Batch scheduled on every Saturday-Sunday.

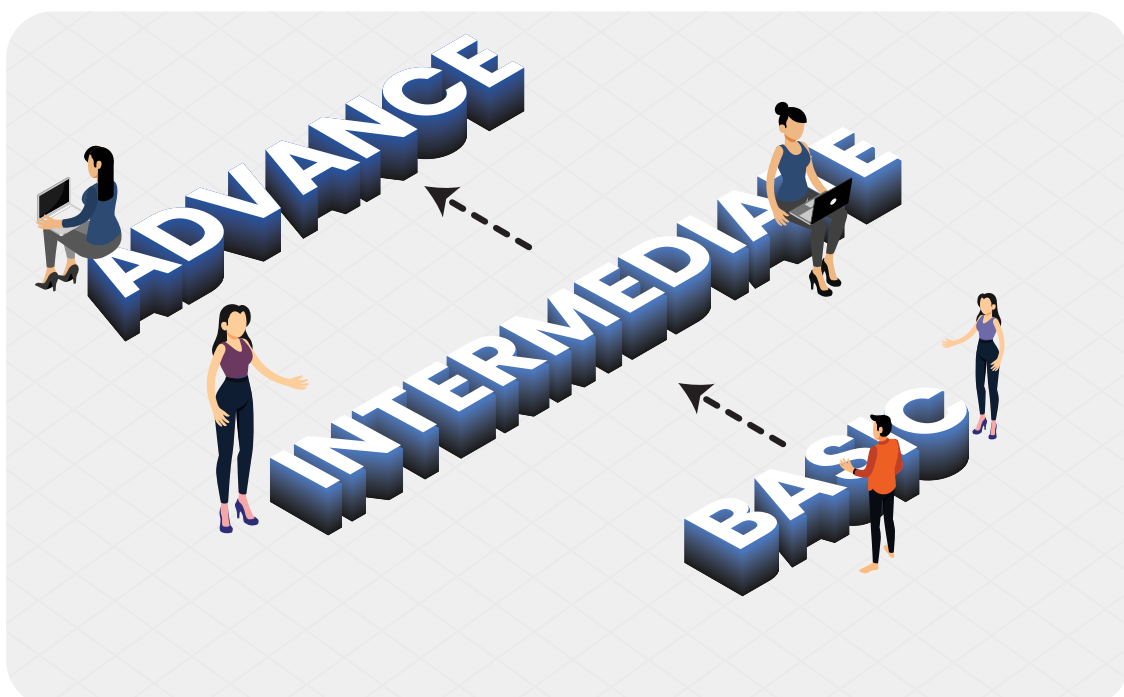


**VIEW DETAILED SYLLABUS**

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.

## What will you learn?

- Redis & Kafka with Spring Boot
- Advanced Java
- Spring / Spring Boot
- Micro-services & related technologies used to build Java-based web applications



# WEEKLY SCHEDULE



## Week 01

Session 1: Java Architecture and Basics of OOP

Session 2: Abstract Classes vs. Interfaces, Exception Handling, and Singleton Design Pattern

## Week 02

Session 3: Lambda Expressions, Functional Interfaces, and Collections

Session 4: Generics, Streams and HashMap

## Week 03

Session 5: Multithreading Basics and Advanced Concepts

Session 6: Maven Project Management

## Week 04

Session 7: Introduction to Spring Framework

Session 8: Spring Boot Basics

## Week 05

Session 9: Spring MVC Basics & REST API Implementation

Session 10: Spring AOP, Lombok API, and Spring Logger

## Week 06

Session 11: Java Database Connectivity (JDBC)

Session 12: Hibernate and Spring Data JPA



# WEEKLY SCHEDULE

## Week 07

Session 13: Minor Project – Digital Library

Session 14: Digital Library [Minor Project] (Continued)



## Week 08

Session 15: Unit Testing with JUnit & Mockito

Session 16: Redis & Caching

## Week 09

Session 17: Spring Security & Authentication

Session 18: Digital Library [Minor Project] (Continued)

## Week 10

Session 19: OAuth 2 & Github Integration

Session 20: Microservices

## Week 11

Session 21: Kafka Integration with Microservices and Spring Cloud

Session 22: E-Wallet App like Paytm Pay [Major Project Part 1]

## Week 12

Session 23: E-Wallet App like Paytm Pay [Major Project Part 2]

Session 24: Deployment Java Application





# PROJECTS



## Minor Projects

- Digital Library

## Major Project

- **E-Wallet App like Paytm**  
Develop an e-wallet application like Paytm Wallet, covering the integration of payment gateways, user authentication, fund management, transaction history, and additional features such as bill payments, mobile recharge, and money transfers.

**\*Additionally, two projects are covered in Recorded form.**

# COURSE BENEFITS



Live Interaction with  
the Mentor



Frequently asked  
Interview questions



Complimentary  
Course Access



24X7 Doubt  
Assistance



Contest &  
Quizzes



Major &  
Minor Projects



Course Completion  
Certificate



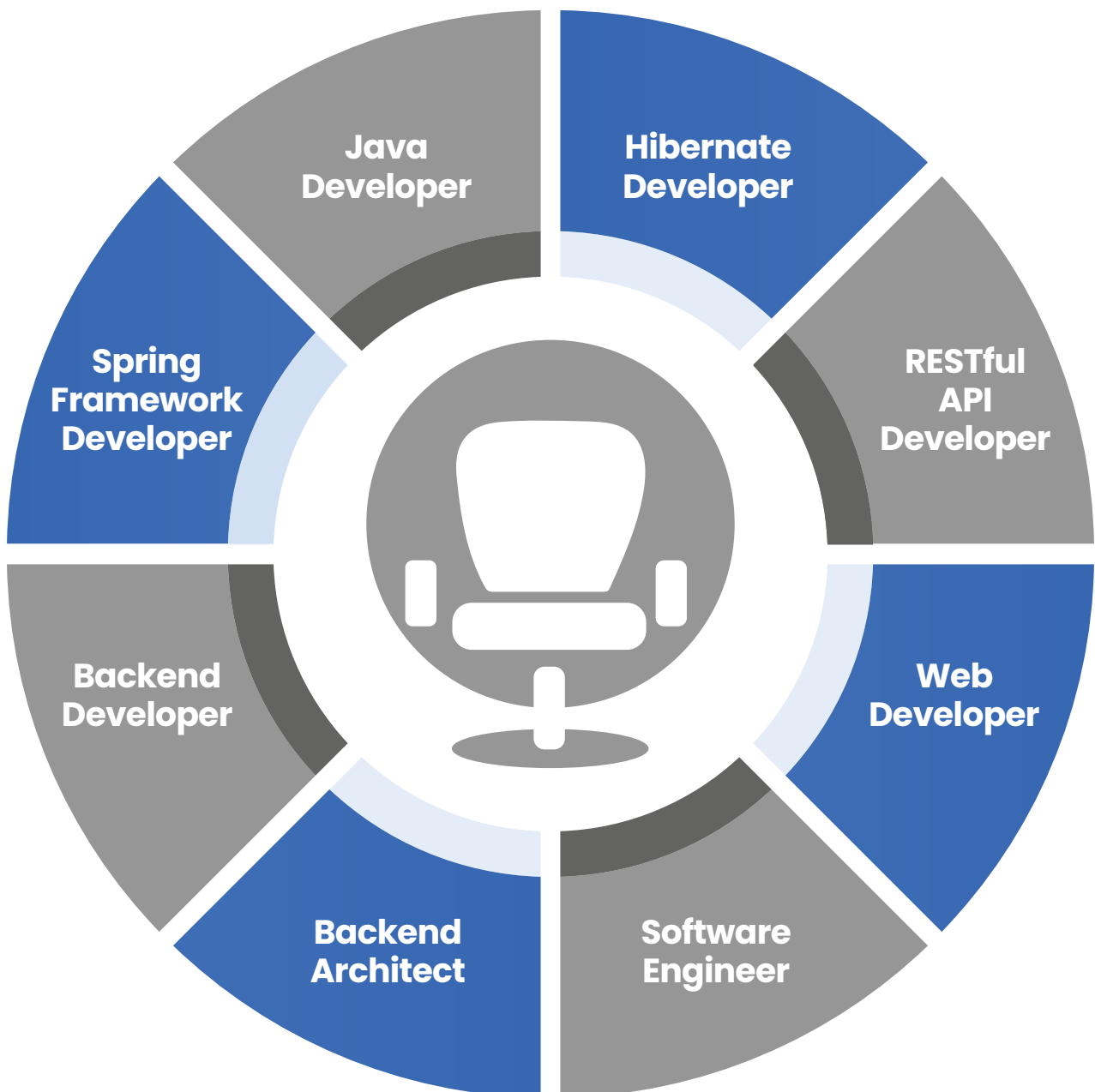
Limited  
Batch Strength



# JOB OPPORTUNITIES

## From Classrooms to Careers:

The Top Job Prospects Waiting for You



# WHERE OUR ALUMNI WORK

accenture

Microsoft

Google

amazon

Infosys

intel

Capgemini

Cognizant



tcs

cisco



HCL

ORACLE



paytm



# SUCCESS STORIES



**Danussh**

Placed in

**HITACHI**

as Associate Software Developer

I am a fresher and previously had zero experience in JAVA Development. Then I joined this course after researching many websites finally found GeeksforGeeks Backend Development. This course is not only about JAVA but it's more than that, you will learn Redis, Kafka, Spring Security, Spring Boot. Having prior knowledge of core java basics will help a lot. The mentor explained well, from basics to Industrial level, examples helped a lot. It was worth taking this course.



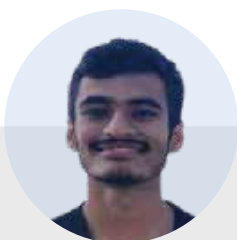
**Raman Tayal**

Placed in

 **PhonePe**

as a SDE Intern

I am a college student after learning Data Structures and Algorithms I wanted to learn some basic development aspects, that was a reason I joined this course after researching many websites finally found GFG Backend Development. In this course, I learned about Java Backend Development from very basics to a really good level. Mentor had a good experience in this field and helped where I was stuck. It was worth taking this course



**Kshitij Kumar**

Placed in

**Hashed**  
by Deloitte

as a Software Engineer

The course was very good. It had a very structured syllabus. I had initial exposure to Spring Boot but this course and mentor explanation solved my doubts and also gave me good exposure to Redis, Kafka, and Microservices. I was really impressed with his teaching, explanation, and his guidance.



**Siddharth Sharma**

Placed in

**Infosys**

as a System Engineer

My experience with the course of Java Backend Development was really great. I bought this course because of its well-curated content and would recommend it to everyone. It helped me in my overall skill enhancement and set a pathway to get my dream job as a System Engineer in Infosys LTD. Having prior knowledge of java programming language was an added advantage and helped me in grasping the advanced concepts easily.

# REVIEWS

## Abir Ghosh



The course is well-paced and well-organized. The mentors would specially take out between the lectures to listen to our queries. A wonderful course!

## Sachinst



The content is tremendous, and the classes have been smooth. Both the mentors are excellent & have been very efficient in answering our queries.

## Ashish Singh



Instructors have a good knowledge of the subject. I loved the way Mentor taught us & would make us everything understandable. I learned about java collections in detail through this course. Pre-recorded sessions are quite beneficial & would help me to revise the concepts in case if any topic is unclear. The beauty of this course is that Mentor focuses more on the implementation part & that makes this course more interesting

## Sridhar S



The course has been very helpful & is more than what I expected. The content is really useful, easy to understand & relevant. Both the mentors are very good at explaining & clearing the doubts. They also teach with examples, which makes learning easier. GfG is the best platform to learn & grow as a programmer.

## Surajit Mishra



The course has helped me a lot in my personal growth to upskill myself. The content is well-structured and detailed. The mentors have great communication skills, which makes the learning experience better.

# QUESTION & ANSWER



I have very basic knowledge of Java. I am interested in Backend development. Will I be able to cope up with the course?

Knowledge of Core JAVA 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.



Is this course suitable for a student/working professional?

This course is suitable for both students and working professionals who are interested in JAVA Backend Development and want to gain some hands-on experience

Any working professional who has basic knowledge of technology and wants to excel in the field can opt for 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 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 2 Major Project and 2 Minor Projects. These projects will be sufficient enough for a candidate to gain hands-on experience in JAVA Backend Development.



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 1 year post the completion of the course.



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 & with problems. You can simply comment & 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.



# STILL UNSURE ABOUT COURSE?

## JAVA Backend Development

LIVE 



**Get 1:1 Free Counselling**



Geeks Learning Together!

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

For any query, Connect us at:



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