

Java Full Stack Course Curriculum:

Dates	Hours	Chapter	Contents
18 -10-2021 To 27-10-2021	16	Core java	OOPS, lang package, IO, util package
28 -10-2021 To 12-11-2021	24	Advanced Java: Spring Boot and Java 8	Explain Spring boot architecture? Install Spring Boot Spring Boot Web Spring Boot Command Line JSON Libraries Java 8 Lambda expressions Maven Basics and Building Exception Handling
15 -11-2021 To 24-11-2021	16	Advanced Java: Microservices	What is API Microservice Basics Monolithic Vs Microservices Architecture SSL Enabled Rest services DB Services invocation Logging CI/CD in Microservices
25 -11-2021 To 01-12-2021	10	Devops: Maven and Git	Maven Terminologies Maven POM Techniques Maven build commands Kanban for Developers What is Git Install Git Git Concepts and Architecture Manage files in Git Revoke changes in Git
02 -12-2021 To 06-12-2021	6	Project Management: Agile and SDLC	Agile Terminologies Agile Techniques Agile Principles Kanban for Developers SDLC techniques Comparison Scenario which is when choosing type model Discussion
07 -12-2021 To 22-12-2021	24	Web Development	HTML 5 Structure, DOM HTML Semantics Javascrip Basics CSS Styles and Classes Media in Websites, W3C standards implementation

23 -12-2021 To 27-12-2021	6	Bootstrap 4	What is Bootstrap Installing Bootstrap Basic Styles using Bootstrap Screen Layout using Bootstrap Style in Bootstrap Layout in Bootstrap Forms in Bootstrap Interactive components
28 -12-2021 To 29-12-2021	4		Node.js basics Install Node.js What is NPM Package Management
30 -12-2021 To 14-01-2022	24		Single Page Application Vue.js Basics Install Vue CLI with NPM Rendering in Vue Conditionals and Loops Components in Vue Vue Instance (Data, methods) Life Cycle of Vue Binding in Vue Dynamic Styling, SCSS, & Global Styles Vue Router State Management Event Handling in Vue Invoking Rest API Junit Creation in Vue JS
17 -01-2022 To 28-01-2022	10		What is a Database RDBMS Database and its uses Hibernate, JPA CRUD Operations Named Parameters Criteria Query API
31 -01-2022 To 08-02-2022	14		What is Postgres Download and Install Postgres Create a Table and Constraints Native DataTypes Building a Database(Schema) Indexing Tables Granting privileges Views, Stored Procedures

09 -02-2022 To 11-02-2022	6	Testing Framework / code quality	Junit Creation for Spring Creating Test Suites for Junits Sonar Qube Coverage Parameterized Testing in Junit Post man Service testing
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