

4-Week Comprehensive Learning Timetable

Week 1

Day	Concept	Topics	Time
Friday	Java	Core Java, OOP Concepts	9:00 AM - 11:00 AM
	Java	Collections Framework	11:30 AM - 1:30 PM
	Spring Boot	Annotations, RestController	2:30 PM - 4:30 PM
	Microservices	Introduction, Basics	5:00 PM - 7:00 PM
Saturday	AWS	EC2, S3, IAM	9:00 AM - 11:00 AM
	AWS	AWS CLI & Console Hands-on	11:30 AM - 1:30 PM
	AWS	VPC and Networking Basics	2:30 PM - 4:30 PM
	AWS	Practice and Quiz	5:00 PM - 7:00 PM
Sunday	React.js	JSX, Components, Props, State	9:00 AM - 11:00 AM
	React.js	Hooks (useState, useEffect)	11:30 AM - 1:30 PM
	React.js	React Router Basics	2:30 PM - 4:30 PM
	React.js	Mini Project	5:00 PM - 7:00 PM
Monday	SQL	SQL Basics (DDL, DML, DCL)	9:00 AM - 11:00 AM
	SQL	Joins, Subqueries, Indexes	11:30 AM - 1:30 PM
	SQL	Practice Queries	2:30 PM - 4:30 PM
	SQL	Real-time Use Cases	5:00 PM - 7:00 PM

Week 2

Day	Concept	Topics	Time
Friday	Java	Streams, Lambda Expressions	9:00 AM - 11:00 AM
	Spring Boot	Actuators, Exception Handling	11:30 AM - 1:30 PM

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	Microservices	API Gateway, Eureka	2:30 PM - 4:30 PM
	Docker	Containers & Images	5:00 PM - 7:00 PM
Saturday	AWS	RDS, CloudWatch	9:00 AM - 11:00 AM
	AWS	CloudFront and Load Balancers	11:30 AM - 1:30 PM
	AWS	Hands-on Lab	2:30 PM - 4:30 PM
Sunday	React.js	Redux Basics	9:00 AM - 11:00 AM
	React.js	Context API & Best Practices	11:30 AM - 1:30 PM
	React.js	Complex Project Structure	2:30 PM - 4:30 PM
Monday	SQL	Stored Procedures & Functions	9:00 AM - 11:00 AM
	SQL	Optimization Techniques	11:30 AM - 1:30 PM
	SQL	Mock Interview Practice	2:30 PM - 4:30 PM

Week 3

Day	Concept	Topics	Time
Friday	Java	Exception Handling, File I/O	9:00 AM - 11:00 AM
	Spring Boot	Security Basics (JWT, OAuth)	11:30 AM - 1:30 PM
	Docker	Docker Compose	2:30 PM - 4:30 PM
Saturday	AWS	Lambda and Serverless Architecture	9:00 AM - 11:00 AM
	AWS	Final AWS Practice	11:30 AM - 1:30 PM
Sunday	React.js	CRUD App with Backend	9:00 AM - 11:00 AM
	React.js	Code Optimization	11:30 AM - 1:30 PM
Monday	SQL	Complex Query Building	9:00 AM - 11:00 AM
	SQL	Final Practice	11:30 AM - 1:30 PM

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Week 4

Day	Concept	Topics	Time
Friday	Java	Design Patterns & Best Practices	9:00 AM - 12:00 PM
	Spring Boot	Final Revision	12:30 PM - 2:30 PM
Saturday	AWS	End-to-End AWS Project	9:00 AM - 12:00 PM
	AWS	Final Quiz & Practice	12:30 PM - 2:30 PM
Sunday	React.js	Final Full-Stack Project	9:00 AM - 12:00 PM
	React.js	Review & Code Improvements	12:30 PM - 2:30 PM
Monday	SQL	Final Mock Interview Prep	9:00 AM - 12:00 PM
	SQL	Revision & Final Practice	12:30 PM - 2:30 PM