

## Full Stack Development Training

### Updated Schedule

#### Notes:

- 1) Trivium Holidays and Weekends (Saturdays & Sundays) are taken care of
- 2) The students will start working on the capstone project from day 11 (when Java is introduced) and keep building throughout the training based on the topics taught.
- 3) Buffer (4 days) is scheduled in the following table, but will be utilized based on the topics
- 4) Project (5 days) days will be utilized for integration, demonstration, evaluation, presentation, and evaluation
- 5) Timing: 9.30 am to 5.30 pm (unless notified other timings)
- 6) Lunch: 1 to 2 pm
- 7) Morning Break: 11.15 to 11.30 am
- 8) Afternoon Break: 3.30 to 3.45 pm
- 9) Students should install the required software in their laptops well before the training days
- 10) Materials include: PPTs, Students notes, Hands-on exercises, on-spot Quizzes
- 11) Assessments include: MCQs and coding questions

Day	Date	Topics	Trainer
1	16-Jan-2025	DSA	Sridhar
2	17-Jan-2025	DSA	Sridhar
3	20-Jan-2025	Web Technologies: HTML5.0, CSS3.0	Sridhar
4	21-Jan-2025	Web Technologies: CSS3.0, JS (ES6)	Sridhar
5	22-Jan-2025	XML and JSON	Sridhar
6	23-Jan-2025	SQL (MySQL)	Sridhar
7	24-Jan-2025	NoSQL (MongoDB)	Sridhar
8	27-Jan-2025	GITHUB	Sridhar
9	28-Jan-2025	Overview of Legacy Architecture	Sridhar
10	29-Jan-2025	SOLID principles	Sridhar
11	30-Jan-2025	Java 8 Features	Subhasri
12	31-Jan-2025	Java 8 Features	Subhasri
13	3-Feb-2025	Java 8 Features	Subhasri
14	4-Feb-2025	Junit	Subhasri
15	5-Feb-2025	Clean Code Principles	Subhasri
16	6-Feb-2025	Clean Code Principles	Subhasri
17	7-Feb-2025	Clean Code Principles	Subhasri
18	10-Feb-2025	Back-end programming – Core Spring Features	Subhasri
19	11-Feb-2025	Back-end programming – Core Spring Features	Subhasri
20	12-Feb-2025	Back-end programming – Core Spring (Database using JdbcTemplate)	Subhasri
21	13-Feb-2025	Introduction to ORM (MySQL)	Subhasri
22	14-Feb-2025	ORM/JPA in Spring Framework (MySQL)	Subhasri
23	17-Feb-2025	Middleware using Spring MVC	Subhasri
24	18-Feb-2025	Spring Boot (REST API development)	Subhasri
25	19-Feb-2025	Spring Boot (REST API development)	Subhasri
26	20-Feb-2025	Spring Boot (REST API development)	Subhasri

27	21-Feb-2025	Spring Cloud and Spring WebFlux	Subhasri
28	24-Feb-2025	Spring Cloud and Spring WebFlux	Subhasri
29	25-Feb-2025	Microservices	Subhasri
30	26-Feb-2025	Microservices	Subhasri
31	27-Feb-2025	Microservices	Subhasri
32	28-Feb-2025	Front End development using Angular	Subhasri
33	3-March-2025	Front End development using Angular	Subhasri
34	4-March-2025	Front End development using Angular	Subhasri
35	5-March-2025	Front End development using Angular	Subhasri
36	6-March-2025	Front End development using Angular	Subhasri
37	7-March-2025	Web application security fundamentals	Subhasri
38	10-March-2025	Web application security fundamentals	Subhasri
39	11-March-2025	Spring Security	Subhasri
40	12-March-2025	OAUTH 2.0 and OpenID - Spring Boot	Subhasri
41	13-March-2025	OAUTH 2.0 and OpenID - Spring Boot	Subhasri
42	14-March-2025	OWASP and Keycloak	Subhasri
43	17-March-2025	OWASP and Keycloak	Subhasri
44	18-March-2025	Messaging system and asynchronous communication	Subhasri
45	19-March-2025	Messaging system and asynchronous communication	Subhasri
46	20-March-2025	Messaging system and asynchronous communication	Subhasri
47	21-March-2025	Buffer	
48	24-March-2025	Buffer	
49	25-March-2025	Buffer	
50	26-March-2025	Buffer	
51	27-March-2025	Kafka	
52	28-March-2025	Kafka	Guru
	31-March-2025	Trivium Holiday	
53	1-April-2025	Kafka with SpringBoot	Guru
54	2-April-2025	MQTT with Eclipse PAHO	Guru
55	3-April-2025	MQTT with Eclipse PAHO	Guru
56	4-April-2025	DevOps	Guru
57	7-April-2025	CICD implementation with Jenkins	Guru
58	8-April-2025	Static Analysis tool with SonarQube	Guru
59	9-April-2025	DevSecOps	Guru
60	10-April-2025	Cloud basics - AWS, Docker (Containerisation)	Guru
61	11-April-2025	Basics of Kubernetes in AWS	Guru
62	14-April-2025	TerraForm	Guru
63	15-April-2025	Deployment in Cloud platform	Guru
64	16-April-2025	Project	Subhasri & Guru
65	17-April-2025	Project	Subhasri & Guru
	18-April-2025	Trivium Holiday	
66	21-April-2025	Project	Subhasri & Guru

67	22-April-2025	Project	Subhasri & Guru
68	23-April-2025	Project`	Subhasri & Guru