JAVA SYLLABUS
JAVA SE

1. Month

- Getting Started with Java
- Variables, Data Types, and Operators
- Control Flow Statements
- Control Flow Statements Continuing
- Arrays
- Methods
- Object-Oriented Programming (OOP)

2. Month

- Inheritance
- String class
- Polymorphism
- Abstraction
- Exception Handling
- File
- Generics

3. Month

- Java Collections Framework
- Java Functional Programming
- Comparator & Comparable & Stream API
- Multithreading

4. Month

- Git, GitHub
- SQL
- JDBC
- HTTP (HTTPS)
- Servlets (informational)
- Session
- Cookies

5. Month

- Build tools
- Spring Framework
- Dependency Injection (DI)
- Spring REST

6. Month

- Lombok
- Spring Data
- MapStruct
- Database Structure Versioning
- Swagger, Logging
- Pagination and Specification
- @Scheduled Annotation in Spring

7. Month

- Unit Testing (introduction)
- Spring Security
- JWT
- Spring Sending Email
- Spring WebClient and Spring Feign Client
- Introduction to Microservices