

# Agenda: 29 July 2025

## 9:00am – 1:00pm

- Inversion of Control (IOC)
- Dependency Injection (DI)
- Spring Basics
- Spring Boot Introduction: Understanding the philosophy behind Spring Boot.
- Dependency Management with Maven
- Creating Your First Spring Boot Application: Utilizing Spring Initializr.
- Bean Scopes
- @Service, @Component, @Repository, @Autowired
- Loose Coupling & Tight Coupling

## Labs

- Spring Basics

## 2:00pm – 5:00pm

- Spring Boot Autoconfiguration
- Configuration with Annotations
- @SpringBootApplication, @Configuration, @Bean
- Spring JDBC
- Spring Boot Logging

## Labs

- Spring Dependency Injection: E-Commerce Service
- Spring Inversion of Control (IOC): Arcade Game Manager