Spring Framework Advanced

- **Spring AOP**
  - what is Aspect Oriented Programming
  - why and when to use aop
  - spring approach to aop
- **Spring Events**
  - why to use events for communication between modules
  - publisher and listener
  - transactional events
- **Spring data Validations**
  - bean validation (JSR 380)
  - declarative validation using annotations
  - programmatic validation
  - custom validators
- **Spring Messaging**
  - introduction to spring integration
  - asynchronous messaging with jms and amqp
- **Spring Security**
  - security basics
  - spring security architecture
  - securing web applications
  - securing rest api
- **Spring Scheduled Tasks**
  - scheduled task implementation in spring