

## 20 Industry-Level Mini Projects Using Spring Core

- 1 Centralized Logging Framework using Spring AOP
- 2 Method Execution Time Tracker
- 3 Application Configuration Manager using IoC
- 4 User Notification System (Email / SMS / Push) using Dependency Injection
- 5 Transaction Simulation System using Custom AOP Annotations
- 6 Audit Trail System for Method Calls
- 7 Automatic Retry Mechanism for Failed Operations
- 8 Authentication & Authorization Simulation using AOP
- 9 Payment Gateway Switcher using Dependency Injection
- 10 Cache Management System using Spring AOP
- 11 Centralized Exception Handling Framework
- 12 Feature Toggle System using Configuration & IoC
- 13 Order Processing Pipeline with Multiple Injected Processors
- 14 Method-Level Rate Limiter using Spring AOP
- 15 Resource Management System using Bean Lifecycle Hooks
- 16 Environment-Based Bean Loader using Spring Profiles
- 17 Custom Validation Framework using Spring AOP
- 18 Notification Throttling System
- 19 Dynamic Report Generator using Dependency Injection
- 20 Service Health Monitoring System using AOP