

## **982- J2EE Patterns and Design Patterns**

### **Intro and Categories**

- Introduction to Design Patterns
- Categories of Patterns

### **Creational Patterns**

- Abstract Factory
- Builder
- Factory method
- Singleton

### **Structural Patterns**

- Adapter
- Bridge
- Composite
- Decorator
- Façade
- Flyweight
- Proxy

### **Behavioral Patterns**

- Command
- Iterator
- Mediator
- Memento
- Observer
- State
- Strategy

### **J2EE Patterns**

- Introduction to J2EE Patterns
- Difference between J2EE Patterns and Design Patterns

### **Integration Tier Patterns**

- Service Activator Pattern
- Data Access Object Pattern
- Web Service broker Pattern

### **Presentation to Business Tier Patterns**

- Service Locator
- Session Façade
- Business Delegate
- Transfer Object

### **Intra-Business Tier Patterns**

- Application Service
- Business Object
- Transfer Object Assembler
- Composite Entity
- Value List Handler

### **Presentation Tier Patterns**

- Model 2 Architecture
- Intercepting Filter
- Front Controller
- Application Controller

### **Anti Patterns**

- Anti Patterns in Integration Tier, Business Tier and Presentation Tiers