Database Integration with JPA

Relational Database Concepts

- Tables, relationships, and normalization

- SQL fundamentals and advanced queries

- Transaction management

- Indexing and optimization

Java Persistence API (JPA)

- Entity mapping

- Relationships (One-to-One, One-to-Many, Many-to-Many)

- JPQL and native queries

- Cascade operations

Spring Data JPA

- Repository pattern

- Query methods

- Pagination and sorting

- Auditing and versioning