

# **Yuvraj Singh**

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## **SKILLS**

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**Languages:** Java, Python  
**Tools/Platforms:** IntelliJ IDEA, PyCharm  
**Soft Skills:** Listening ability, Ability to explain ideas, Respecting others' ideas

## **TRAINING**

### **JAVA AUTOMATION TESTING – TESTBOOKS SKILL ACADEMY | FEB 2024 – MAR 2024**

- LEARNED **SELENIUM WEBDRIVER WITH JAVA** FOR AUTOMATED WEB TESTING.
- CREATED PAGE OBJECT MODELS (POM) AND REUSABLE TEST SCRIPTS, REDUCING MANUAL TESTING TIME BY **50%**.
- PERFORMED CROSS-BROWSER TESTING AND INTEGRATED TEST CASES WITH TESTNG.
- WORKED WITH MAVEN FOR DEPENDENCY MANAGEMENT AND JENKINS FOR CI/CD PRACTICE.

## **PROJECTS**

### **LIBRARY MANAGEMENT SYSTEM | JAVA, SWING, SQL**

- DESIGNED A FEATURE-RICH LIBRARY SYSTEM TO MANAGE BOOKS, MEMBERS, ISSUANCE, AND RETURNS, IMPROVING RESOURCE HANDLING EFFICIENCY BY **40%**.
- IMPLEMENTED FINE CALCULATION, DUE-DATE TRACKING, AND AUTOMATED AVAILABILITY STATUS UPDATES, REDUCING HUMAN ERRORS BY **90%**.
- INTEGRATED SQL DATABASE TO MAINTAIN LARGE BOOK RECORDS WITH SECURE INSERTION, DELETION, AND UPDATE OPERATIONS.
- DESIGNED DASHBOARD-STYLE UI USING SWING COMPONENTS, IMPROVING SYSTEM USABILITY BY **35%**.

## **CERTIFICATES**

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- **Build Generative AI Apps & Solutions with No-Code Tools (Aug 30, 2025)**
  - **ChatGPT-4 Prompt Engineering (Aug 30, 2025)**
  - **Computational Theory & Finite Automata (Dec 12, 2025)**

## **EDUCATION**

### **Lovely Professional University**

Bachelor of Technology

Computer Science and Engineering , CGPA:- 5.47

Phagwara, Punjab  
Jul' 1– Present

### **CENTRAL PUBLIC SCHOOL**

CHAPRA, Bihar

Intermediate  
PCM; Percentage: 63.6%

**CENTRAL PUBLIC SCHOOL**  
Matriculation  
Percentage: 75.6%

Mar 20,21 May  
CHAPRA, Bihar  
Mar 20, 21 May