

# Suraj Kumar Singh

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## OBJECTIVE

Currently working as a **Software Tester** with hands-on experience in testing ATM software and its security. Passionate about **Java development** and eager to leverage my programming knowledge in **Java, Spring Boot, and MySQL** to transition into a **Developer role**. Seeking an opportunity to contribute to innovative projects and enhance my skills in software design and development.

## EDUCATION

### K.r Mangalam University

*Master of Computer Application*

Shona, Haryana, India

Aug 2023 - June 2025

### Babasaheb Bhimrao Ambedkar Bihar University

*Bachelor of Computer Application*

Muzaffarpur, Bihar, India

Spe 2019 - July 2023

## TECHNICAL SKILLS

**Programming Languages:** Python, C++, Java, Dart, JavaScript

**Frontend:** HTML, CSS, React, Vite, Tailwind CSS, Bootstrap

**Backend:** Spring Boot, Spring MVC, Spring Security

**Databases:** MongoDB, MySQL

**Testing:** Manual Testing, Automation Testing (Selenium)

## WORK EXPERIENCE

### Software Tester and Application Support

*CMS Info Systems, India*

June 2025 - Present

- Tested ATM software functionality, UI, and backend components to ensure compliance with financial transaction standards.
- Performed security testing to identify vulnerabilities and verify the robustness of ATM systems against unauthorized access.
- Collaborated with developers and QA teams to document bugs, verify fixes, and improve overall software reliability.
- Prepared detailed test cases, execution reports, and defect logs to maintain traceability and quality standards.

### Cybersecurity Intern

*Tech Intern Program, India*

June 2023 - July 2023

- Assisted in monitoring network traffic and identifying potential vulnerabilities using basic cybersecurity tools and techniques.
- Performed vulnerability assessments and supported the implementation of basic security controls.
- Learned about firewall configuration, intrusion detection, and network protection mechanisms.
- Collaborated with the cybersecurity team to document security incidents and recommend preventive measures.

## PROJECTS

- Library Management System** — Developed a desktop application using **Java Swing, JDBC, and Core Java** with **MySQL** for managing library operations. Implemented backend functionality to perform CRUD operations on the database for books, users, and transactions. Ensured seamless book inventory management, user registration, and borrowing/return processes with robust error handling.
- Healthcare Application** — Built a desktop application using **Java (Swing/XML)** and **SQLite** for managing patient records, lab test bookings, and appointment scheduling. Designed a structured XML-based UI for user input, navigation, and dynamic form interaction. Integrated SQLite database to enable persistent storage and efficient CRUD operations for all health data.

## EXTRACURRICULAR ACTIVITIES

- Participated in a university-level **Hackathon** and secured a **notable position** for developing an innovative Java-based solution within a limited time frame.
- Solved over **150 coding questions** on **LeetCode**, demonstrating strong problem-solving ability and consistent learning in data structures and algorithms.
- Actively engaged in coding challenges and collaborative technical discussions to strengthen programming and analytical skills.