

# GIRIRAJ PATIDAR

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## SUMMARY

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Highly motivated and detail-oriented MCA graduate with strong expertise in web application development and database management. Skilled at solving complex problems, learning new technologies quickly, and delivering efficient, user-friendly software solutions.

## EDUCATION

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**School of Computers I.P.S. Academy, Indore**  
Master of Computer Applications (CSE), CGPA - 7.77

**2023-2025**  
Indore(M.P.), India

**ISBA Institute of Professional Studies, Indore**  
Bachelor of Computer Applications, Percentage - 74.00

**2020-2023**  
Indore(M.P.), India

**Ujjain Public School, Ujjain**  
Higher Secondary - Class 12, Percentage - 86.00

**2018-2019**  
Madhya Pradesh, India

## PROJECT

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### MediaVault – Media Upload & Management Portal

- *Technologies Used:* Java, JSP, Servlet, JDBC, MySQL, AWS S3, FFmpeg, HTML, CSS, JavaScript
- Developed a full-stack Java web application with user authentication, including register, login, logout, and secure session management.
- Implemented file upload and management features including preview, delete, and filter functionality for images, GIFs and videos, .
- Implemented file compression using JPEG optimization and FFmpeg transcoding, reducing storage usage by 65% without quality degradation.
- Integrated AWS S3 cloud storage for scalable media management and maintained file metadata in MySQL.
- Created a profile dashboard for personal uploads and a feed for browsing all uploaded files with filter options.
- Applied backend best practices using JDBC with PreparedStatements, exception handling.

### Student Management System

- *Technologies Used:* Java Servlets, JSP, JDBC, MySQL, HTML, CSS, Apache Tomcat
- Built a web-based CRUD system for student records, allowing efficient insertion, updating, deletion, and searching of data through a user-friendly interface.
- Integrated JDBC with MySQL for database connectivity.
- Designed an admin dashboard with form validation and role-based authentication.
- Deployed the web app on Apache Tomcat to run locally, supporting seamless testing and debugging.

## SKILLS

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**Languages/Technical Skills:** C/C++, Java, SQL, HTML, CSS

**Java Concepts:** OOP, Collections Framework, Data structure, Multithreading, Exception Handling

**Frameworks:** JDBC, Spring, Spring Boot, Hibernate

**Database:** MySQL

## VOLUNTEER & LEADERSHIP

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- Volunteered in social awareness campaigns (Digital Literacy, Road Safety, Environment).
- Organized college Annual Day and Orientation Programs for new students.
- Winner - Kho-Kho (School Level), Best Drama Award (Inter-School), District-Level Volleyball Player.

## HOBBIES

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- Sports (Cricket, Volleyball), Physical activities (Yoga, Running)