

Riya Lodha

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EDUCATION

Degree	Institute	CGPA/Percentage	Year
MCA	JECRC University, Jaipur	8.54 CGPA	2023 - Present
BCA	Sophia Girls College, Ajmer	9.26 CGPA	2020 - 2023
Senior Secondary	Presidency School, Gegal	93.2%	2019 - 2020
Secondary	K. D. Jain Public School, Kishangarh	83.8%	2017 - 2018

EXPERIENCE

• Dotsquare

Java Trainee

- **Led a team** to develop a Java and MySQL-based **Smart Library**, automating book records and student management. Reduced manual workload by 50% and improved response time by 30%.
- Implemented user registration, book search, borrowing/return system, and inventory control, enhancing system functionality and refining Java programming and teamwork skills.
- **Github Link**

• Gaincafe Technologies (P) Ltd.

Technical Content Writer Intern

- Crafted diverse content, including blogs, LinkedIn posts, and marketing materials, achieving a 30% increase in website traffic and improving engagement metrics by 20% through strategic visuals.
- Managed content publication on WordPress, ensuring timely and accurate release of 15+ articles, while **leading a team of four interns** to achieve project milestones ahead of schedule.

• Gandhi Vidhya Mandir

Fundraising and Technical Project Intern

- Created fundraising presentations contributing to securing **50 crores** for Prannath Hospital and Research Institute.
- Applied **technical and creative** skills to enhance community development project efficiency by 15%.

TECHNICAL SKILLS

- C, C++, Java, SQL, OOPS

PROJECTS

• Sudoku Genius

- Developed a Java-based Sudoku solving program utilizing **backtracking** and constraint propagation algorithms, ensuring accurate and reliable puzzle solving by validating rows, columns, and boxes according to Sudoku rules.
- Implemented a user-friendly GUI supporting manual entry of puzzles and solution validation, providing an interactive experience for users.
- **Github Link**

• TicTacToe Master

- Engineered a console-based TicTacToe game leveraging Java, applying object-oriented principles to implement game logic and player interactions.
- Programmed intuitive gameplay mechanics, including win condition checks and user input validations, demonstrating proficiency in Java and enhancing problem-solving skills.
- **Github Link**

• Smart Vote

- Created a secure E-voting website for college Class Representatives (CR), enabling user registration, authentication, real-time vote casting, and result viewing for transparency and reliability.
- Streamlined the voting process, enhancing user experience, and reducing administrative workload by 40%.
- **Github Link**

ACHIEVEMENTS & AWARDS

- Managed events and activities as **the Coordinator of Tech Design Nexus Community** at JECRC University
- Supported community welfare by **volunteering and donating** at a blood donation camp, contributing to healthcare initiatives with 920 donors.
- **Led a team** in the Prelims of **Smart India Hackathon**, ranking among the top 30 teams out of 152 teams, with the project MindMentors.
- Organized and led various tech-related events as **President** of Silicon Club at Sophia Girls College.
- Achieved **first rank** in class during the first year and **second rank** in the second year of BCA program, demonstrating academic excellence.
- **Led a team** to secure **first position** in research paper presentation, movie making, and poster-making competitions, highlighting teamwork and creativity.