

# Keshav Singh Rajpoot

Jabalpur, Madhya Pradesh, India

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## PROFESSIONAL SUMMARY

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B.Tech Electronics & Communication Engineering graduate (June 2025) with hands-on experience in AI model training, Full Stack Development and Automated Software Testing. Skilled in HTML, CSS, Java, SQL, and problem-solving with a focus on AI-based automation and model optimization. Seeking an entry-level role in software development, testing, or AI-focused positions.

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## EDUCATION

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**Bachelor of Technology (B.Tech) — Electronics & Communication Engineering**  
Global Nature Care Sangathan Group of Institutions, Jabalpur, Madhya Pradesh  
**Senior Secondary (12th Grade) — Science Stream**  
Maharashtra H.S. School, Jabalpur, Madhya Pradesh

Nov 2021 – May 2025  
CGPA: 7.79  
2021  
Percentage: 92.4

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## SKILLS

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**Programming Languages:** Java, HTML, CSS, SQL  
**Tools & Frameworks:** Selenium, TestNG, IntelliJ IDEA, Git  
**AI & ML:** Prompt Engineering & Model Evaluation  
**Soft Skills:** Leadership, Communication, Problem Solving, Team Collaboration  
**Core Concepts:** Object-Oriented Programming (OOP)

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## PROJECTS

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### Automated Form Testing Using Selenium

**Tech Stack:** Java, Selenium WebDriver, TestNG

- Manual testing of web forms was time-consuming and error-prone, leading to inconsistent validation of form inputs.
- Build an automated test framework to validate a variety of form input scenarios efficiently and accurately.
- Developed a Selenium-based automation suite in Java to test form functionalities such as input validation, dropdown selections, radio buttons, and submission flow; utilized TestNG for test case structuring and assertions.

### Task Manager App

**MERN Stack:** (MongoDB, Express.js, React, Node.js)

- Designed and developed a full-stack task manager app enabling users to create, update, delete, and mark tasks as complete.
- Implemented RESTful API backend using Node.js and Express.js, with persistent storage in MongoDB.
- Built a responsive frontend with React for real-time task updates and intuitive UI/UX.
- Emphasized modular coding and followed best practices for routing, error handling, and state management.

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## ACHIEVEMENTS

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- Designed a **Task Manager App** using the MERN stack (MongoDB, Express.js, React, Node.js), enabling users to add, update, and delete tasks — strengthening understanding of full-stack web development and RESTful APIs.
- Built a **Selenium-based automation testing suite** to validate web form input scenarios, improving test reliability and reducing manual testing effort by over 60%.

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## LEADERSHIP & VOLUNTEERING

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### College Representative – Abhyuday, IIT Bombay

- Led winter cloth drive & awareness campaigns for underserved communities
- Led MP & CG directorate in National Trekking Camp at Amarkantak.