





# RUDRA PRATAP SINGH

Bachelor of Technology  
Institute of Technology & Management, Gwalior (M.P.)

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 [GitHub Profile](#)  
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## Introduction

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Enthusiastic student with knowledge of Java and AWS, strong problem-solving skills, and a passion for building efficient solutions. Eager to apply technical expertise in web development and cloud computing while continuously learning and improving.

## Education

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**Bachelor of Technology in Information Technology**  
Institute of Technology & Management, Gwalior (M.P.)

2021 - Present  
CGPA: 7.42/10

## Technical Skills and Interests

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- o **Languages:** Java, JavaScript, C++ (Basic).
- o **Development Tools:** AWS, GitHub, VS Code, Postman, IntelliJ.
- o **Frameworks:** React, Spring Boot.
- o **Databases:** Relational Database (MySQL).
- o **Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Database Management System.
- o **Areas of Interest:** Web Development, Cloud Computing.
- o **Soft Skills:** Problem Solving, Self-learning, Leadership, Communication Skills.

## Projects

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### AI-Powered Email Auto-Reply Chrome Extension Using React and Spring Boot

- o Developed a **Chrome extension** for auto-reply email generation using **React** (frontend) and **Spring Boot** (backend).
- o Integrated **Google's Gemini AI API** for intelligent, context-aware email suggestions.
- o Improved efficiency and automation in communication with AI-powered responses'

### Food Delivery Website Using React, Spring Boot, Hibernate and Relational Database.

- o Developed a food delivery website with a **React** frontend and a **Spring Boot** backend for seamless user experience.
- o Implemented SQL database with Hibernate for efficient data management and performance.
- o Ensured scalability and responsiveness, optimizing order processing and user interactions.

### Portfolio Website Using React ([View](#))

- o Developed a personal portfolio website using **React** for a dynamic and interactive user experience.
- o Designed a responsive UI to ensure seamless accessibility across all devices.
- o Deployed the website on Netlify for fast and reliable hosting.

## Certifications

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- o **Java Backend Development by GeeksForGeeks ([View](#)):** Gained expertise in building scalable and efficient backend systems. Learned key concepts like Spring Boot, REST APIs and database management.
- o **AWS Academy Cloud Architecting ([View](#)):** Gained hands-on experience in designing and deploying scalable, secure, and cost-effective cloud solutions using AWS services.
- o **AWS Academy Cloud Foundation([View](#)):** Showcasing foundational knowledge in cloud computing, AWS services, and cloud infrastructure management.
- o **Wipro TalentNext Java Full Stack ([View](#)):** Successfully completed an extensive training program focused on full stack development, including Java, Spring Boot, Hibernate, Angular, and MySQL.
- o **Java Programming Fundamentals By Infosys Springboard ([View](#)):** Demonstrated proficiency in Java programming fundamentals through Infosys Springboard certification.

"I hereby declare that the information provided above is true and accurate to the best of my knowledge."