

# RISHIKESH KUMAR

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## Education

### Siddaganga Institute of Technology

*Bachelor of Engineering in Computer Science and Engineering(CGPA: 8.43)*

December 2021 - May 2025

Tumakuru, India

### Creane Memorial High School

*Senior Secondary(Percentage: 90.8)*

April 2018 - May 2020

Gaya, India

### Creane Memorial High School

*Secondary(Percentage: 91.4)*

April 2017 - March 2018

Gaya, India

## Experience

### Siemens

*Graduate Engineer Trainee*

April 2025-Present

Bengaluru, India

- Designed and developed discrete autonomous software systems tailored for Human-Machine Interface (HMI) panels used in industrial automation. .
- Worked with HMI development tools such as [e.g., Siemens WinCC], focusing on user-friendly interface layouts and intuitive control workflows..

## Projects

### MistryHub | *MongoDB,Express.js,React,Node.js(MERN)* | [GitHub](#)

- Mistry Hub aims to provide a comprehensive solution for connecting clients with skilled workers, streamlining the process of finding and offering services while ensuring a secure and user-friendly experience.
- Enable real-time notifications,add client ratings and reviews for workers, and enhance search functionality with advanced filters for improved service discovery.

### Imaginify | *Next.js, MongoDB, Clerk, Cloudinary, Stripe,Shadcn* | [GitHub](#)

- Imaginify is an advanced AI image SaaS platform designed to provide state-of-the-art image processing capabilities
- The platform is built to be user-friendly while offering robust functionalities for image manipulation and enhancement.
- It integrates a secure payment infrastructure and offers a range of AI-driven features for both professional and personal use

### AI-Based Road Inspection System | *YOLOv8, Streamlit, Python, OpenCV, NumPy, Pillow* | [GitHub](#)

- The AI-Based Road Inspection System leverages deep learning and computer vision techniques to detect and classify road defects such as potholes, cracks, and other anomalies.
- It is built using the YOLOv8 architecture for object detection and includes a Streamlit-based web interface for user interaction.

## Technical Skills and Interests

**Languages:** C++, C, HTML,CSS, JavaScript

**Technologies:** React, Node.js , Next.js ,Mongodb,MySQL

**Tools:** VS Code, Git and GitHub

**Relevant Coursework:** Data Structures and Algorithms, Database and Management System with SQL, Object Oriented Programming ,Operating System

**Soft Skills:** Problem Solving, Self Learning and Presentation,Public Speaking and Communication Skill,Leadership Quality,Event Management

## Societies and Activities

### Quizzing Inc.(President)

Organizer and Volunteer: Coordinated and facilitated multiple quizzing events at the college, engaging approximately 500 students in each event.

College Representative: Represented the college in numerous intercollegiate quizzing competitions, showcasing strong knowledge and competitive skills.