



Ritik Gariya

BTech in Computer Science and Engineering

Objectives : Aspiring computer science professional seeking a challenging role to leverage my technical skills in software development, distributed systems, and data engineering. Committed to contributing to innovative projects and continuous personal and professional growth. Passionate about solving complex problems through creative and efficient solutions, and eager to collaborate with a dynamic team to drive technological advancements and achieve organizational goals.

Education Qualifications

- **BTech in Computer Science and Engineering | 7.92**
| Manipal Institute of Technology | 2021-2025
- **12th Grade | 81.57%**
| Modern Academy | Indian School Certificate | 2020
- **10th Grade | 86.2%**
| Army Public School | CBSE | 2018

Technical Activities (Internships / Projects)

- **Cuda Image Processing**
 - Successfully implemented edge detection algorithms using CUDA.
 - Achieved faster processing speeds compared to traditional CPU-based methods.
- **Website Development Using Django**
 - Designed and deployed a web application for user interaction, enabling users to view and submit forms.
 - Implemented user authentication to ensure secure access and data privacy.
- **Banking System Using OS Concepts**
 - Designed and implemented a banking system incorporating various operating system concepts.
 - Utilized process synchronization to handle concurrent transactions securely. Ensured secure and efficient transaction processing throughout the system.
- **Distributed File System**
 - Designed and implemented a distributed file system for efficient and reliable storage across multiple servers

Extra / Co Curricular Activities

- **Revels (Cultural Fest)**
| Member of Organizing Committee of Revels Gaming
Management Committee Member of MIST
| Fostered communication between the Team head and new members, bridging the gap and promoting a positive environment.

CERTIFICATIONS

- **Programming Fundamentals**
| Duke University
- **SQL(Intermediate)**
| HackerRank
- **Python For Everybody (COURSERA)**



Contact

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Electives

Renewable Energy
Publishing Science
Big Data Modelling
Big Data Processing and Integration

Areas of Interest

Software development
API development and integration
Database management
Server and deployment
Big Data

Technical Skills

Programming Language / Software Packages

C, C++, Java, Python,
HTML, CSS, Java Script,
GitHub, Django, MySQL

Operating Systems

Windows
Linux
Mac OS

Languages

English
Hindi