

# RITIK RAJ

B.Tech Student in Computer Science Engineering (AI & ML)

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## SUMMARY

Aspiring Software Developer and Computer Science student specializing in AI & ML with strong problem-solving skills and over 150+ LeetCode problem solved. Passionate about building scalable web applications and contributing to real-world tech solutions. Adept at working in fast-paced environments and collaborating within teams to bring impactful software to life.

## PROJECTS

### Full-Stack-E-Commerce-MERN-APP

- [GitHub Repository](https://github.com/ritik-06/ritik-06-Full-Stack-E-Commerce-MERN-APP) - <https://github.com/ritik-06/ritik-06-Full-Stack-E-Commerce-MERN-APP>
- Developed a full-stack e-commerce app using MongoDB, Express.js, React.js, and Node.js with login/signup and role-based access.
- Built dynamic product pages with image zoom, multiple previews, and recommended items.
- Implemented search, category filters, and price sorting with a fully responsive UI.
- Added shopping cart with quantity updates, total pricing, and real-time item tracking.
- Created admin panel for managing products, users, and roles with secure CRUD operations.

### Full-Stack- Instagram App (MERN Stack)

- [Live Demo](https://instaclone-bchw.onrender.com) - <https://instaclone-bchw.onrender.com>
- [GitHub Repository](https://github.com/ritik-06/InstaClone) - <https://github.com/ritik-06/InstaClone>
- Built a full-stack social media app using MongoDB, Express.js, React.js, and Node.js with real-time chat and notification functionality via WebSockets.
- Implemented features like post creation, commenting, bookmarking, and online/offline user status tracking.
- Developed user authentication (login, logout, signup) with profile management including image upload and bio updates.
- Integrated real-time messaging and activity alerts to enhance interactivity and user engagement.
- Designed a responsive UI with smooth navigation and state management using Redux for seamless user experience.

## Activities & Certifications

- Solved **150+** Data Structures and Algorithms problems on LeetCode, focusing on Arrays, Strings, Linked Lists, Trees, Graph.
- Completed Full -Stack Developer Certification on Udemy.
- Participated in weekly Coding Contests, tech meetups, peer learning, and collaborative development sprints.

## SKILLS

### Web Development

HTML

CSS

JavaScript

Bootstrap

Tailwind CSS

### Programming

Java

C

Python

### Databases, Frameworks/Libraries

MySQL

MongoDB

ReactJS

Express.js

Node.js

### Version Control & Deployment

Git

Github

### Soft Skills

Problem Solving

Debugging

Effective Communication

Team Collaboration

## EDUCATION

B.Tech in Computer Science Engineering (AI & ML) 8.2(CGPA)

### Heritage Institute of Technology

08/2022 - 05/2026  
Kolkata

BSEB 80.2%

### MBBL College

04/2019 - 04/2021  
Muzaffarpur, Bihar

BSEB 84%

### Mukherjee Seminary High School

04/2018 - 04/2019  
Muzaffarpur, Bihar

## LANGUAGES

English

Hindi