

# Kartik Roy

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📍 Kolkata, India

🖱 My Website

🔄 Kartik-Roy

in Kartik Roy



## Projects

### Full Social Media [↗](#)

Technology Used : *ReactJS* | *NodeJs* | *ExpressJS* | *MongoDB*

- Developed a cutting-edge, full-stack social media application with latest technologies and amazing UI/UX design.
- Conducted extensive web research on app development and delved deep into the intricacies of UI/UX design for social media, gathering valuable insights and information.
- Applied latest technologies to integrate all the research findings, working tirelessly to achieve the final, polished result.

**Developed a visually stunning social media platform with key features like account creation/login, post sharing, follow, and likes, resulting in an immersive user experience.**

### ChatGPT NextG [↗](#)

Technology Used : *ReactJS* | *Tailwind CSS* | *ViteJS* | *Tanstack Query* |

*OpenAI API*

- Designed and developed an outstanding interface for ChatGPT, showcasing an exceptional blend of aesthetics and functionality.
- Designed the UI for ChatGPT and integrated OpenAI API key to enable natural and engaging interactions with users, requiring persistent effort and attention to detail.

**Built an impressive website to enhance ChatGPT's user experience, featuring a sleek modern design and driving increased user engagement**

### Group Recommendation System

Technology Used : *Java* | *Python* | *Restaurant & User Dataset*

- Creating and refining a group recommendation system model to enhance group activity coordination, while simultaneously optimizing server workload management.
- Undertook extensive study of research papers and analyzed multiple datasets to identify the optimal one for the project.
- Devised a sophisticated algorithm to create groups based on factors like age, location, distance, and rating. Calculated group scores to recommend optimal results.

**Although an ongoing project, it simplifies complex tasks with a clear vision to make a significant impact.**

### Jarvis [↗](#)

Technology Used : *Python*

- Developed an AI voice assistant with the ability to respond promptly.
- Applied an array of Python libraries and made a highly optimized and efficient code.

**Developed an engaging project for recreational use, showcasing my creativity and technical skills.**

## Skills

**PROGRAMMING LANGUAGES** (Java | C | C++ | Python)

**FRONT END DEVELOPMENT** (HTML | CSS | Bootstrap | JavaScript | ReactJS)

**BACK END DEVELOPMENT** (NodeJS)

**DATABASE MANAGEMENT** (SQL | MongoDB)

## Training

**SQL for Data Analytics** [↗](#)

## Awards

**Hackombat Score** [↗](#)

Rank 4 in Hackombat 2.0 Contest

## Education

### B. Tech

*Heritage Institute of Technology*

2019 – present | Kolkata, India

CGPA - 8.74

### ISC

*Calcutta Public School*

2017 – 2019 | Kolkata, India

Percentage - 81.67%

### ICSE

*Calcutta Public School*

2015 – 2017 | Kolkata, India

Percentage - 87.17%

## Courses

**Data Structure and Algorithm**

**Cloud Computing**

**Linear Algebra**

**Differential Equation**

**AI : Prolog**

## Languages

English

Bengali

Hindi

## Interests

Carrom | Football | Badminton

Youtube | Video Editing