

# Rohit Kumar

rk34190100@gmail.com | +91 9113190285 | Kolkata

## CAREER OBJECTIVE

Enthusiastic B.Tech 3rd year student with hands-on practice in HTML, CSS, and JavaScript, seeking industry opportunities to enhance skills and contribute to innovative web development projects.

## EDUCATION

### B.Tech, Chemical Technology

2023 - 2027

University of Calcutta

### Senior Secondary (XII), Bihar School Examination Board (BSEB)

2022

Science

Purnea College, Purnea

Percentage: 67.80%

### Secondary (X), Bihar School Examination Board (BSEB)

2020

Shri Darwari Roy High School

Percentage: 80.00%

## PORTFOLIO

### [Portfolio link ↗](#)

## PROJECTS

### [AI Article Summarizer ↗](#)

Nov 2025 - Dec 2025

Built an AI-powered Article Summarizer that generates short, clear summaries from long articles or webpage URLs. Utilized NLP and transformer-based models to understand content and produce accurate key points. Developed a simple and fast UI with React, allowing users to paste a URL and receive results within seconds. Implemented a feature to store previously summarized links for user convenience.

### [Portfolio website ↗](#)

Aug 2025 - Present

Created a portfolio website to showcase web development and coding skills. Designed a clean, responsive, and user-friendly interface. Actively seeking industry opportunities to apply knowledge and gain practical exposure.

### [Movie listing web app ↗](#)

Apr 2025 - Present

Created a web application that displays a list of movies with details such as title, genre, and description. Designed a clean, responsive interface to help users browse and explore movies easily. Built to practice front-end development and API integration skills

### [Vaartalap ↗](#)

Jun 2025 - Present

Developed a real-time chat application with one-to-one messaging, one-to-one video calling, and group chat features. Integrated add friend functionality and a status update feature to enhance user interaction. Built with a focus on seamless communication and responsive design

### [File sharing web app ↗](#)

Aug 2025 - Present

Built a web application that enables users to share files securely and in real-time using WebRTC and Socket.IO. The app supports peer-to-peer transfer, ensuring fast and efficient sharing without third-party storage. Designed with a simple, responsive interface for ease of use

### [Task manager app ↗](#)

Aug 2025 - Present

Task Manager is a web app to create, edit, and manage tasks efficiently. Built with React and Tailwind CSS, it features user authentication and a responsive design for seamless task tracking across devices.

### [Pdf viewer and annoator web app ↗](#)

Sep 2025 - Present

Developed a web application using React.js that enables users to view PDFs, highlight text, draw annotations, add notes, and download the edited version. Designed with a clean, responsive UI for smooth performance on large documents.

### [Wasmify ↗](#)

Jan 2026 - Present

A privacy-first, client-side media converter. Uses FFmpeg.wasm to process video and audio entirely within the browser—zero server uploads required.

### SKILLS

- Node.js
- JavaScript
- Express.js
- Bootstrap
- HTML
- React
- Socket.IO
- CSS
- MongoDB
- MySQL

### [GigaDB – Lightweight Append-Only Database with](#)

### [API Key Authentication ↗](#)

Dec 2025 - Present

Developed GigaDB, a custom file-based database system using Node.js. Supports collection-based data storage and secure API-key authentication. Features append-only logging and programmatic database access via REST APIs. Focused on understanding database internals, indexing concepts, and backend system design.

### [NEXUS: The Universal Catalog & API Portal ↗](#)

Feb 2026 - Present

#### NEXUS: The Universal Catalog & API Portal

A high-performance universal indexing engine and developer playground. NEXUS aggregates real-time data for Movies, Talent, and Global Gear, providing an interactive API documentation portal for developers