**Abhirup Bag**

Kolkata, West Bengal | abhirup7477@gmail.com | 9339316128

<https://www.linkedin.com/in/abhirup-bag-885106267> | <https://github.com/abhirup7477/>

**Education**

* **Techno Main Salt Lake**

2022 - 2026

Bachelor of Engineering in Computer Science and Engineering (CGPA of 8.49 up to the 5th semester)

* **Garalgachha High School**

2018 - 2020

WBCHSE Percentage: 91.6

* **Patha Bhavan Dankuni**

2012 - 2018

WBBSE Percentage: 92

**Projects**

* [**https://bloodlife.vercel.app/**](https://bloodlife.vercel.app/)

<https://github.com/AbhirupBag/abhirupbag>

This project is a blood bank management system developed primarily using TypeScript (98.5%), with additional use of CSS (1.4%) and JavaScript (0.1%).

* **Key Features:**
* **User-Friendly Interface:** Designed to facilitate easy navigation and accessibility for users seeking blood donation services.​
* **Efficient Management:** Streamlines the process of blood donation, inventory tracking, and donor management.​
* **Responsive Design:** Ensures compatibility across various devices, enhancing user experience.​
* **Technical Highlights:**
* **Frontend:** Developed using modern web technologies, ensuring a responsive and intuitive user interface.​
* **Backend:** Utilizes robust frameworks to handle data management and server-side operations efficiently.​
* **Deployment:** Hosted on Vercel, providing reliable and scalable deployment capabilities.

<https://github.com/abhirup7477/youtube-mern-netflix-app>

* [**youtube-mern-netflix-app**](https://github.com/abhirup7477/youtube-mern-netflix-app)

The GitHub repository 'abhirup7477/youtube-mern-netflix-app' is a project that replicates Netflix's core functionalities using the MERN stack—MongoDB, Express.js, React.js, and Node.js.

* **Key Features:**
  + **User Authentication:** Implements secure user registration and login systems.
  + **Media Streaming:** Allows users to browse and stream video content seamlessly.​
  + **Responsive Design:** Ensures optimal viewing experiences across various devices.​
* **Technical Highlights:**
  + **Frontend:** Developed with React.js, providing a dynamic and responsive user interface.
  + **Backend:** Built with Node.js and Express.js, handling server-side logic and API endpoints.​
  + **Database:** Utilizes MongoDB for efficient data storage and retrieval.

**Certifications**

* The Complete Data Structures and Algorithms Course in Python
* The Complete Full-Stack Web Development Bootcamp
* Machine Learning A-Z: AI, Python &

**Technologies**

* **Languages:** Python, C, Java, SQL, JavaScript
* **Web Technologies:** HTML, CSS, Node JS, React.js, Next.js
* **Operating Systems**: Linux, Windows
* **Version Control:** GitHub

**Course Work**

* Data Structures and Algorithm
* Operating Systems
* Object Oriented Programming
* Software Engineering
* Database Management System
* Computer Networks