

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://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.

- [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.

Course Work

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

Technologies

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

Certifications

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