

SUBHAJIT DAS

Kolkata, West Bengal

☎ [+91-6294571254](tel:+91-6294571254)

✉ dassubhajit1947@gmail.com

🌐 <https://www.linkedin.com/in/subhajit7318/>



<https://github.com/Subhajit1947>

Motivated and proactive software developer with hands-on experience in Python, JavaScript, Express, Node.js, and React through various academic projects and personal initiatives. Eager to apply technical skills to contribute to innovative software development projects, with a strong commitment to learning and growth in a dynamic work environment.

PROJECTS

Ticket Booking App 🔗 | React, Node, Express, MongoDB, Razorpay

- Managed over 1,000 concurrent users by leveraging asynchronous processing in Express.js, ensuring 99.9% system uptime and scalability.
- Boosted transaction success rate by 20% through secure Razorpay API integration, allowing seamless ticket downloads post-payment.
- Enhanced data integrity by implementing a React-based optional user authentication system, resulting in a 30% reduction in invalid user data.
- Reduced booking errors by 25% with an optimized seat management system, clearly differentiating available, booked, and unbooked tickets for users.
- [GitHub Link](#)

BloodSync 🔗 | React, Node, Express, MongoDB, Razorpay

- Engineered a secure user authentication and authorization system using (JWT, OAuth) with role-based access controls, resulting in a 40% reduction in unauthorized access incidents and improved user management.
- Developed comprehensive donor features allowing users to select blood groups, submit detailed information, and choose between free or paid donations, with admin approval functionality, leading to a 25% increase in donor engagement.
- Implemented real-time blood request management and advanced admin tools for managing blood availability using (WebSockets, MongoDB), which boosted operational efficiency by 35% and reduced blood request processing time by 20%.
- Integrated Razorpay for secure monetary donations, driving a 50% increase in contributions by providing users with a seamless and secure donation experience.
- Optimized admin functionalities to enable efficient user blocking, event management, and real-time display of blood availability, enhancing overall system performance and user satisfaction by 30%.
- [GitHub Link](#)

COURSEWORK & SOFT SKILLS

Core Concepts: Data Structures & Algorithms, Operating Systems, Network Security, Database Management (DBMS), Object-Oriented Programming (OOP), Web Development

Soft Skills: Problem Solving, Adaptability, Time Management, Collaborative Teamwork

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, NoSQL, HTML, CSS

Frontend: ReactJS, Redux, NextJS, HTML, CSS

Backend: NodeJS, ExpressJS, Flask, Django, REST API, Socket.io

Tools: Linux, GitHub, Git

EDUCATION

Netaji Subhash Engineering College

BTech - CGPA - 8.2 (upto 6th sem)

07 2021 – 06 2025

Kolkata, India

Kharagpur College

Bsc - Percentage - 66

07 2017 – 08 2020

Kharagpur, India

WBCHSE

HS - Percentage - 77

2017

Purba Medinipur, India