

# TAHSINA TANVIN

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## SUMMARY

Motivated and detail-oriented Computer Science and Engineering student with a strong foundation in frontend development, problem-solving, and teamwork. Passionate about building scalable web applications and solving real-world challenges through technology. Actively exploring backend development and DevOps practices to become a proficient full-stack developer.

## SKILLS

### Frontend:

React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS

### Backend:

Node.js, Express.js

### Databases:

MongoDB, PostgreSQL, MySQL

### Programming Languages:

C, C++, Python

### Tools & Technologies:

Firebase Authentication, Context API, Git, GitHub, Postman, LocalStorage, Mongoose

### Soft Skills

Effective Communication, Team Collaboration, Problem-Solving

## EDUCATION

### Bachelor of Science in Computer Science and Engineering (CSE)

Premier University • Chattogram • June 2021 - Present

## PROJECTS

### 1. Rider Booking

 [Frontend](#) | [Backend](#) | [GitHub Client](#) | [GitHub Server](#)

- A full-featured, scalable ride management platform for Riders, Drivers, and Admins.
- Frontend: Developed a responsive and interactive user interface using modern React ecosystem with state management and API integration.
- Backend: Built robust RESTful APIs for authentication, ride management, and analytics with Node.js and Express, integrated with MongoDB for scalable and efficient data storage.
- Role-based system with tailored dashboards for Riders, Drivers, and Admins.
- Features include real-time ride requests, ride history, driver earnings with charts, admin analytics, and dynamic ride status updates.

### 2.FeedbackLoop

Live Website: [Live Website](#)

GitHub: [Client](#) | [Server](#)

- Implemented user authentication via Firebase with Email and Google sign-in options

- Developed full CRUD operations for managing services and customer reviews
  - Secured user data with JWT-based authentication for real-time protected API access
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### 3. Library Management System

Live Website: [Live Website](#)

GitHub: [Client](#) | [Server](#)

- Built a full-featured library management system using React, TypeScript, Redux Toolkit Query, and Tailwind CSS, with core CRUD functionalities and borrowing support (no login required)
  - Developed a scalable backend with Express.js, MongoDB, and Mongoose, implementing RESTful APIs for books, borrowing logic, and summary data
  - Integrated real-time updates and due date validation, improving data consistency across borrowing activities and enhancing overall user experience
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### 4. CinemaScope

Live Website: [Live Website](#)

GitHub: [Client](#) | [Server](#)

- Built a dynamic platform for real-time movie browsing with an interactive and responsive UI
  - Integrated Firebase Authentication for secure user login and personalized access
  - Implemented customizable movie lists with rating and review features, enhancing user engagement
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#### Languages:

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- Bangla (Native)
  - English (Professional Proficiency)
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