Shuvajit Gayen

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OBJECTIVE: Dedicated to advancing in full-stack development, with 2+ years of Project experience.

PROJECTS

Personal web (Portfolio) | *Frontend* — [View](#)

- This project marks my first venture into web development, utilizing only **HTML**, **CSS**, and pure **JavaScript**. The layout adapts dynamically using media queries and flexible grid systems, enhancing the accessibility and usability of the content.
- The portfolio is hosted on **GitHub Pages**, making it easily accessible and demonstrating my ability to work with version control and deployment platforms.

Todo Application | *Full Stack Application* — [View](#)

- This Todo Application is a full-stack project designed to efficiently manage and categorize tasks. The project utilizes various modern technologies, ensuring seamless communication between the frontend and backend, and providing a user-friendly experience. You can also Update that todos in 3 deferred status **Need-todo**, **In-Progress** or **Done.**
- **React.js (Frontend):** Built with **React.js** for a dynamic and responsive user interface.
- **Node.js (Backend):** The backend is powered by **Node.js**, handles API requests and database interactions.
- **TRPC (Communication):** TypeScript Remote Procedure Call is used to handle communication between the frontend and backend. This type-safe approach ensures that any changes in the API are reflected across the entire application, minimizing bugs and improving developer productivity.
- **Sqlite (Database):** SQLite serves as a lightweight, file-based relational database.
- **Vercel (Hosting):** The application is hosted on Vercel, a platform known for its simplicity and efficiency in deploying modern web applications.

Other's Project — [GitHub Repo Link](#)

Full-Fledged Authentication and Authorization Page:

- * **Technologies Used:** Next.js, TypeScript, MongoDB, Tailwind Css
- * **User Registration:** Enables users to sign up with secure password storage using hashing techniques.
- * **Login System:** Allows users to authenticate using their credentials, with session management to keep users logged in.
- * **Secure Sessions:** Managed sessions using secure cookies or tokens to prevent unauthorized access and session hijacking.
- * **Password Hashing:** Applied bcrypt or similar hashing algorithms to securely store passwords.

Web Libery:

- * Developed a web library with authentication to ensure that only logged-in users can access and read books. Utilized Next.js for server-side rendering and Tailwind CSS for a modern, responsive design. Implemented middleware to restrict access to library content based on user login status.

SKILLS

Languages: JavaScript, TypeScript, Python, HTML, CSS
Frameworks: Next.js, Django, Bootstrap, Tailwind, Hono.js, Express.js
Library: React.js, Node.js
Database: MySQL, Firebase, MongoDB
Others Technologies: REST API
Tools: Git, VS Code, GitHub

EDUCATION

Swami Vivekananda Institute of Science and Technology   2021-2024
Diploma in Computer Science

Kautala Ramkrishna Ashram High School (H.S)   2018-2021
Higher Secondary education (Arts)

Debnagar Mokshoda Dinda H.S. School (WBCHSC Board)   2017-2018
Secondary education