SHUBHAM GHOSH
SOFTWARE ENGINEER

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EDUCATION

- **Secondary Education**
  Baranagar Shree Shree Ramakrishna Vidyapith (WBBSE)
- **Diploma in Computer Science and Technology (2017-2020)**
  Budge Budge Institute of Technology (WBSCT&VE)
- **B. Tech in Computer Science and Engineering (2020-2023)**
  Greater Kolkata College of Engineering and Management (MAKAUT)

PROJECTS

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- **Realtime Chat Application:** Utilizing WebSocket, React.js and Node.js, I developed a web application capable of real-time chatting with an elegant user interface. *Project Demo Link*

- **Full Stack E-commarce Application:** I developed a comprehensive web application with essential functionalities including user authentication, verification, order placement, payment processing, and more. Additionally, I created a dedicated admin panel for seamless product management and order tracking. Technologies utilized include React.js, Node.js, and MongoDB.

- **Snake Game (Web Based):** This project showcases fundamental logic building and seamless integration of the HTML5 canvas element, demonstrating a classic and entertaining game experience. *Project Demo Link*

- **Mess Meal Management App (Mobile Application):** Currently using in our own mess, a mobile application to streamline meal management for messes, featuring functionalities such as meal tracking, expense management, and user profiles. Implemented local storage functionality using the Sqflite package to efficiently store and manage data locally on the device. *Project Code Link*

SKILLS

- **Full Stack Web Development:** I am proficient in a wide array of technologies for full-stack web development, including **HTML**, **CSS**, **JavaScript(typescript)**, **Bootstrap**, **SCSS**, **React.js**, **Next.js**, **Node.js**, **Express.js**, **MySQL**, **MongoDB**, and more. Along with this I have a strong grasp of networking and communication protocols like **https**, **WebSocket**, **WebRTC**.

- **Mobile Development With Flutter:** Proficient in creating **cross-platform mobile applications** using Flutter framework. Experienced in building sleek and efficient apps for both iOS and Android platforms. Using popular packages like **RiverPod**, **sqfLite**, **location** etc.

- **Following Industry Standard Practices with Suitable Methodologies and Architectures:** Adhering to industry best practices, including agile methodologies like **BEM** and architectural principles such as **MVC**, to ensure efficient and scalable development processes.

- **Programming Languages Proficiency:**

  `JavaScript`   `Python`   `Java`   `Dart`   `C`

WORK EXPERIENCE

Full Stack Developer
Sapco IOT Pvt. Ltd.
Sap 2022 - Jan 2023

Web Developer
Marko & Brando
Nov 2023 - Present

COURSEWORK

- Data Structure and Algorithm (DSA)
- Computer Networking
- Database Management System (DBMS)
- Object Oriented Programming

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