SUMONTA SAHA MRIDUL

Undergrad Software Engineering Student, SUST

✉ sumontasaha80@gmail.com 📞 01845359479 📍 Amlapara, Narayanganj ✈ portfolio/Sumonta056
🐙 github/Sumonta056 in linkedin/sumonta-saha-mridul-b35bb61a0 Ⓜ medium/sumontasaha80

PROJECTS

💻 SUST Autorickshaw Management System [% Link]
Academic Project 350 : 4.00/4.00   📅 October 2023 – December 2023

- Developed a website to automate SUST's auto-rickshaw management system through real-life **requirement analysis**.
- Implemented **user-friendly** registration, permission procedures and payment management for drivers, owners, auto-rickshaws, and SUST authorities with **extensive validation checks.**
- Real time monitoring & **scheduling system** for auto-rickshaws.

ReactJS | Express | MySQL | NodeJs | Real-time Monitoring

💻 Eco-Sync : Waste Management in DNCC [% Link]
Code Samurai Hackathon Project   📅 24 March 2024 - 31 March 2024

- Developed a waste management website featuring dynamic and **flexible role-based authentication** and **permission accessibility**.
- Introduced real-time **route checking using Google Maps** API.
- More features such as user management, data entry for vehicles and sites, **billing functionalities** for waste collection supervision.

ReactJS | Express | MongoDB | Tailwind CSS | NodeJs

📱 Rent IT : Online Product Renting App [% Link]
Academic Project 250: 4.00/4.00   📅 December 2022 – November 2023

- Developed a rental app facilitating lending and borrowing of various items like dresses, furniture, electronics, and vehicles.
- Implemented **real-time renting functionality** using Firebase, enabling simultaneous lending and borrowing, data updates and authentication.

Java | OOP | Android App | Firebase | Figma

💻 Atmossense : Realtime Air Quality & Geo Data [% Link]
DU Hackathon Project   📅 3 November - 4 November 2023

- Created an **API-powered website** for exploring global air quality data, providing real-time insights, interactive maps, and economic factors.

Open APIs | ReactJS | Express | Real-time Data | MySQL

💻 KIDDO : Child Consultancy Website [% Link]
LU Hackathon Project   📅 14 October - 15 October 2023

- Developed platform with instant personalized consultations, child product **marketplace**, and **real-time chat with advisor** using Socket.io.

ReactJS | Express | MySQL | Real-time Chat | Socket.io

💻 Survive IT : 2D Game [% Link]
Academic Project 150: 4.00/4.00   📅 March 2022 – September 2022

- Developed 2D survival game starring a Hero with lightning speed, flight, and fireball abilities, battling diverse enemies in air and water.

💻 More Personal and Academic Projects [% Link]

MriShot : Photography Showcasing Website | DALL-E-Vision

Task-Mate | ReactJS-Simplify-Template | Survival of Warrior

Web-Extension | GPT-Vai | DiscordBOT

SKILLS

C/C++ | HTML | Javascript | CSS | Java
ReactJS | Tailwind CSS | NodeJS | Express
MySQL | Git | GitHub | Python | MongoDB

ACHIEVEMENTS

🏆 **1st Runners-up in Project Showcasing Category in IEEE Branch Fest, BUP**
Secured **2nd Position among 60+ teams**, competing against hardware projects with our software-only entry.

📱 **Top 5 in Mobile App & Game Idea Competition, Sylhet**
Recognized among the **top 5 Mobile App Ideas** by the **ICT Division, Govt. of Bangladesh**, with the opportunity to present on a **prominent stage** in the Sylhet Region.

🏆 **Top 10 in IT VERSE Hackathon, Dhaka University**
Out of 150+ teams, reached the final and achieved a top 10 ranking in the hackathon **(API Category)** hosted by DU

🏆 **Top 14 in IT VERSE-2023 Project Showcasing, DU**
Shortlisted among the top **14 projects out of 90+ projects** in the project showcasing hosted by Dhaka University

🏆 **Top 8 in Brainstation Hackathon, Technovent SUST**
Out of 90+ teams, reached the final and achieved a top 8 ranking in the 36hr hackathon hosted by SWE, SUST

💡 **800+ Problems Solved in Different Platforms**
Successfully solved over 800 problems on **LeetCode, Codeforces (1050+ Rating) and CodeChef (3 ⭐ Star) .**

G **Passed Level 2 in Google Foobar Secret Invitation**
Received invitation and successfully completed Level 2 in **Google's Foobar Secret Hiring Challenge.**

🏆 **Top 50 in Code Samurai Hackathon 2024, DU**
Ranked among the top 50 out of 400+ teams in the Code Samurai Hackathon 2024 Hosted By Dhaka University.

OPEN SOURCE CONTRIBUTION

🏆 **Passed All Four Level of Hacktoberfest 2023 [%]**
- Contributed to and successfully **merged pull requests in four open-source projects** listed by Hacktoberfest.

🐙 **Comprehensive Git and GitHub Tutorial [%]**
- Created beginner-friendly open-source project with **15+ ⭐ Stars on GitHub** to teach Git from scratch.

🐙 **GitHub-Follower-Notification-Action-Bot [%]**
- Developed an open-source project with **complete setup documentation**; provides sends an email daily at 7 am updates on GitHub follower count.

EDUCATION

🎓 B.Sc.(Eng.) in Software Engineering
Shahjalal University Of Science And Technology
📅 February 2020 – Present   🎓 **CGPA : 3.83 (6th semester)**

🎓 Higher Secondary Certificate (HSC) in Science
Notre Dame College
📅 January 2017 – January 2019   🎓 GPA : 5.00