

# GOURAB SAHA

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## EDUCATION

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**Shahjalal University of Science & Technology**

May 2023

B.Sc. in Software Engineering

**CGPA: 3.50/4.00 (3.74 in the last two years).**

**Thesis:** Secure Storage of SSI Credential Using Solid Pod Technology.

## PUBLICATION

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Mohammad Farhad, **Gourab Saha**, Masum Alam Nahid, Fairuz Rahaman Chowdhury, Partha Protim Paul, Mohammed Raihan Ullah, Md Sadek Ferdous, "Secure Backup and Recovery of SSI Wallets using Solid Pod Technology", 48th IEEE International Conference on Computers, Software, and Applications (COMPSAC), Osaka, Japan, July 2024, pp. 1101-1111, DOI: 10.1109/COMPSAC61105.2024.00149

## WORK EXPERIENCE

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**DreamAspect (Startup)**

September 2021 – December 2021

Internship (Flutter Developer) | [GitHub](#)

- Developed mobile applications using the Flutter framework.
- Collaborated with a team to implement UI/UX designs.

## PROJECTS

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**House Renting Solver** | [GitHub](#)

A web-based platform designed to streamline the house-renting process by efficiently connecting property owners with potential renters.

Technology: Python (Django), SQLite, HTML, CSS, JavaScript, Bootstrap.

**File Server System** | [GitHub](#)

A file server system developed in Java that enables users to download and upload files within the same network, featuring a user-friendly GUI for managing files and directories on the server, including file transfer and deletion capabilities.

Technology: Java.

**Solid-based To Do App** | [GitHub](#)

A Solid specification-based application that allows pod holders to log into a pod server with a web ID and manage to-do text lists by creating and deleting tasks directly on the server.

Technology: React, Node.js, RDF Turtle Format, Solid (Social Linked Data).

**Highway Car Shooter** | [GitHub](#)

A car game using SFML framework where players control a car that shoots oncoming vehicles while avoiding obstacles, with increasing difficulty levels.

Technology: C++.

## RELATED COURSE AND SKILLS

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<b>Courses</b>	Computer, Data & Security (A+), Artificial Intelligence (A+).
<b>Programming</b>	Solved 500+ problems on <a href="#">LeetCode</a> , <a href="#">CodeForces</a> , <a href="#">Vjudge</a> , etc.
<b>Languages</b>	C, C++, Java, Python, JavaScript, MATLAB.

## LEADERSHIP & ACTIVITIES

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**Orbitax SUST SWE Technovent 2023**

January 2023

*Organizer & Editorial Team Member*

**SUST ACM Student Chapter**

November 2021 - August 2023

*Mentor*

## REFERENCES

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**Dr. Md Sadek Ferdous**

Professor,

BRAC University

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Website: [Dr. Ferdous](#)

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