

Aaron Biswas

9165158283 | savybiswas15@gmail.com | github.com/AaronBiswas

About

I am a Computer Science graduate with foundational experience in the MERN stack. I am constantly upskilling myself and learning new technologies.

Projects

SmartCal — *Python, MySQL, OpenCV, Kivy, Pyzbar*

June 2023 – November 2023

- Developed a personalized calorie tracking app that suggests food items with lower cost and calories.
- Used OpenCV and Pyzbar to scan barcodes of food items.
- Stored scanned food item data in MySQL.
- Developed the application entirely in Python.

DataSentinel — *Python, Socket Programming, Cryptography, Hashing*

November 2023 – March 2024

- Developed a secure peer-to-peer file sharing system for efficient and secure data exchange.
- Implemented AES encryption, MD5 checksum verification, and socket communication.
- Ensured confidentiality and integrity of files during transmission to enhance privacy and data security.

Education

Christ University

Bangalore, India

Bachelor of Technology in Computer Science and Engineering (Internet of Things)

September 2020 – April 2024

Technical Skills

Languages: Java, Python, C, SQL

Developer Tools: GitHub, VS Code, MySQL

Libraries: pandas, NumPy, Matplotlib, OpenCV, hashlib, Pyzbar, Socket, AES

MERN Stack: MongoDB, Express.js, React, Node.js