

Sartiz Alam Ayon

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OVERVIEW

Eager and enthusiastic, I am a dedicated individual pursuing Computer Science at Brac University. I have a passion for crafting immersive user experiences and a keen eye for detail. Through hands-on experience and mentorship, I want to expand my skill set and make tangible contributions to projects that push the boundaries while leveraging industry best practices. With a proactive approach and a growth mindset, I am ready to embrace challenges and make meaningful contributions.

INTERESTS

Full Stack Web Development, Software Development, Machine Learning, Deep Learning, Neural Networks

EDUCATION

BRAC University
Bachelor of Science in **Computer Science**
CGPA: 3.79 / 4.0 **Activities:**
IEEE Computer Society

Dhaka, Bangladesh
January 2022 - Present

Rajuk Uttara Model College
Higher Secondary Certificate, **Science**
GPA: 5.00 / 5.00

Dhaka, Bangladesh
June 2018 - April 2020

SKILLS

Programming Languages: Python, JavaScript, C, C++
Frontend Development: Html, CSS, React, TailwindCSS, Bootstrap
Backend Development: NodeJs, ExpressJs, Flask, Firebase
Database: MySQL, MongoDB
Others: Git, Github, Numpy, Ubuntu, Photoshop, Figma

PROJECTS

HIVE | *React, DaisyUI, NodeJs, ExpressJS, MongoDB, JWT, Firebase, Stripe* May 2024

- A modern **Forum** website where people can hold conversations in the form of posted messages. With Features like an **Admin dashboard**, Premium membership, real-time like and dislike feature, and a modern search functionality.
- Implemented Authentication with **Firestore**. Used **Express** For building the **REST APIs** and **Axios** and **react-query** for faster data fetching. Used **imgBB API** to host the images users provide.
- Used **stripe** for payment gateway.

Github: <https://github.com/sartizalamayon/Hive>

NODE | *React, Flowbite-React, NodeJs, ExpressJS, MongoDB, JWT, Firebase* May 2024

- Dynamic **Tech Blog** website enables users to write blogs, comment on others' blogs, and add blogs to a wishlist.
- Implemented Authentication with **Firestore**. Used **Express** For building the **REST APIs** and **Axios** for faster data fetching. Used **Dotenv** for securing sensitive information and **JWT** for authorization.
- Implemented client-side routing with **React Router Dom**—used Packages like **Farmers-motion** and **ka-table**.
- I used **CORS** and **Cookie-Parser** For handling cross-origin requests and parsing cookies.

Github: github.com/sartizalamayon/NODE

MoneyMate | *React, Tailwind CSS, DaisyUI, NodeJs, ExpressJS, MongoDB*

June 2024

- A fully functional **Expense Tracker** Web app that lets the user manage and visualize income, expenses, and more.
- Implemented sessions on the Client Side with the help of **Local Storage, Bcrypt, and JWT** tokens from the backend. Used **Express** For building the **REST APIs** and **Axios** for faster data fetching. Used **Dotenv** for securing sensitive information. Implemented many types of visualization with **Rechart**.

Github: github.com/sartizalamayon/MoneyMate

Tour Planner | *Flask, SQLite, HTML, TailwindCss*

April 2024

- Complete Tour management website with hotel, room, and transport booking facilitating multi-role management, including Tourist, Travel Agent, and Hotel Manager roles.
- Made for a course project while **collaborating** with a teammate.
- We have implemented secure user authentication using **Flask-Bcrypt** for password hashing.
- Automated invoice generation feature using **PDFKit**.

Github: github.com/sartizalamayon/TourPlanner/

ACHIEVEMENTS & VOLUNTEER WORK

Ranked 17th at IEEE CS Spectrum 2023 Coding Contest Issued by BRAC University

- *Intra-University team programming contest organized by IEEE Bracu Computer Society and Brac University Computer Club.*

Volunteered for Bracu IEEE for Membership Campaign 3.0 and more

- **Most Valuable Volunteer** from the *Promotion Team* for June 2022.

Volunteered for multiple Blood Donation

- *Organized by Bangladesh Thalassemia Samity Hospital.*