Jannatul Bakia

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Education

Bangladesh Army International University of Science and Technology

Cumilla

B.Sc in Computer Science and Engineering GPA 3.81/4.00

[Ongoing]

Cumilla Government Women's College

Cumilla, Chittagong

GPA 5.00/5.00

2020

Our Lady of Fatima Girls High School

Cumilla, Chittagong

GPA 5.00/5.00

2018

Projects

Project Name: NutrifyLife - Health & Diet Management System [Group Project]

Description: Contributed to the development of a health oriented web application utilizing React, Firebase, and MongoDB. Key features of the application include a BMI and calorie calculator, food transformation tool, AI chatbot, personalized diet recommendations based on specific health conditions, diet chart from a certified doctor and an admin dashboard enabling direct integration between frontend and backend database.

Project Name: Travel & Tourism – Bangladesh explorer [Group Project]

Description: Implemented Next.js, Firebase and MongoDB to create a travel website specifically for Bangladesh. Integrated Gemini AI to simplify the user experience. The main features of the application include a destination page that shows the amazing places to visit, a festive calendar highlighting national and regional events and an AI chatbot.

Project Name: Customer support zone

Description: Developed a customer support interface using **React.js** that allows users to submit, view, and manage support tickets. Implemented local JSON data handling for dynamic ticket rendering and state updates. Focused on clean UI, efficient state management, and responsive design.

Project Name: Apps installation platform

Description: Created an interactive app platform with React.js where users can install and uninstall dummy apps. Used local storage to preserve user actions and installation state. Designed intuitive UI components to demonstrate app management logic and user interaction flow

Activities

- 1st runner up at BAIUST 2025 CSE FEST Hackathon segment.
- Participated in Google Devfest. Built a project based on real life problems.
- Participated in Intra-department Programming Contest
- Participated in 2024 UNESCO clubs worldwide youth multimedia competition
- Volunteered in Intra-university Poster Presentation

Skills & Interests

Technical Skills
Programming: C, C++, SQL, Python, MATLAB, JavaScript.
Web development: React Js, Next Js, Node JS
Tools & Platforms: Git, GitHub, VS Code, Figma
Language: Bangla, English
Interests: Painting, Sketching, Reading