

Puspita Banik

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Education

Bangladesh Army International University of Science and Technology	Cumilla, Chittagong
B.Sc in Computer Science and Engineering GPA 3.83/4.00	[Ongoing]
Cumilla Government Women's College	Cumilla, Chittagong
GPA 5.00/5.00	October 2020
Our Lady of Fatima Girls High School	Cumilla, Chittagong
GPA 5.00/5.00	January 2018

Projects

1. 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. Developed the admin dashboard to manage users, track dietary plans, connecting the frontend with the backend for real time data management. Implemented key features of the application including BMI and calorie calculator, food transformation tool, and personalized diet recommendations based on specific health conditions. Implement an AI-powered chatbot for personalized diet guidance and answering user queries.

2. Project Name: Travel and Tourism – Bangladesh Explorer (Group Project)

Description: Contributed to the development of a travel focused web application showcasing Bangladesh destinations using Next.js, Firebase and MongoDB. Key features of the application is integrated an event calendar to display upcoming cultural and local events at each destination. Implemented categorized destination pages for historical sites, sea beaches, hill regions and so on. Built filter and search functionality by region for enhanced user experience. Implemented a Gemini AI-powered chatbot to assist users with travel queries and provide personalized destination recommendations.

Activities

- 1st runner up at BAIUST 2025 CSE FEST Hackathon segment.
- Developed a practical project at Google DevFest, tackling real world challenges.
- Competed in the Intra-department Programming Contest.
- Contributed as an event volunteer for the Intra-University Poster Presentation, BAIUST.

Skills & Interests

Technical Skills -

Programming: C, C++, JavaScript, SQL, Python, MATLAB.

Web development: React JS, Node JS, Next JS.

Tools & Platforms: Git, GitHub, VS Code, Figma.

Language: Bangla, English.

Interests: Cooking, Gardening, Watching Movies.