

Ask me to build anything related to Apps, or full-stack solutions - you'll never hear "Oh no, I don't know how to do this!"

Experience

Intern Mobile App Developer

Inshirah Tech · Full Time

July 2025 – Present

2 months

Tech Stack: Flutter, Dart, Supabase, APIs, Figma

- Developed cross-platform mobile and web applications using Flutter.
- Integrated remote databases for real-time data, authentication, and storage.
- Worked with REST APIs to enable seamless backend communication.
- Implemented Google Maps and other location-based features.
- Translated Figma designs into pixel-perfect, responsive UIs using Flutter.
- Collaborated with the team to deliver clean, maintainable code.
- Enhanced mobile development skill through ongoing contributions and improvements.

Education

B.Sc. in Computer Science & Engineering

BRAC University

May 2019 – May 2025

CGPA: 3.26

Completed a comprehensive curriculum including Algorithms, Computer Networks, Software Engineering, Artificial Intelligence, Database Management Systems, Compiler Design, and Computer Graphics. Gained practical experience through hands-on projects and coursework.

Actively engaged in research initiatives to complement academic learning.

Projects

Hajj Aday

[Visit Site](#)

Tech Stack: NextJS, ReactJS, ExpressJS, NodeJS, Postgres

Hajj Aday is a freelance project I developed for a travel agency in Bangladesh that assists pilgrims throughout their Hajj journey. The app provides a smooth and user-friendly interface. Built with Next.js, it leverages features like optimized image loading, loading screen, and other Next.js features to enhance performance.

Ai Tutor

[View Code](#)

Tech Stack: RAG, Langchain, LLM, Ollama, LLaMA 3.2, Vector Database, Pgvector, Embedding, Cosine Similarity, Python, Django

Ai Tutor is a Retrieval-Augmented Generation (RAG) system designed to answer user queries by retrieving relevant information from a knowledge base built on document chunks. It supports semantic search over PDF content and generates contextually accurate responses.

Ai ChatBot

[View Code](#)

Tech Stack: NextJS, ReactJS, Ollama-Llama3.2, ExpressJS, NodeJS, PassportJS, OAuth2, Postgres, Prisma

A full-stack AI-powered chatbot platform that serves as a virtual customer service representative. Built with Ollama-Llama3.2 for intelligent responses, it features secure Google OAuth2.0 authentication, real-time chat interface, and persistent storage.

Team Task Management Mobile App

[View Code </>](#)

Tech Stack: Flutter, Dart, Material UI, ExpressJS, NodeJS, Postgres

Team_Task_Management-MobileApp is a personal mobile app project built using Flutter and Dart. It helps users manage their daily tasks and assign them to others with ease. The backend is powered by ExpressJS, which handles the API endpoints efficiently, and PostgreSQL is used for storing all task-related data reliably.

Instant Chat App

[View Code </>](#)

Tech Stack: NextJS, ReactJS, ExpressJS, NodeJS, Socket.IO, PassportJS, OAuth2, Postgres, Prisma

Instant Chat App is one of my favorite pet projects where I explored real-time communication using WebSocket (Socket.IO). It's a fully functional chat application that supports instant messaging and stores all conversations in a PostgreSQL database via Prisma ORM. The backend includes user authentication using OAuth2 and PassportJS for secure access.

Altinerary

[View Code </>](#)

Tech Stack: Vite, ReactJS, TailwindCSS, Motion, Axios, Django, Groq API, Weather API

Altinerary is an AI-powered travel itinerary builder that generates personalized, weather-aware day-wise travel plans. Users provide a city and a travel date, and the app uses real-time weather data and the Groq API to generate intelligent itineraries. The project showcases full-stack development with Django REST API and a React frontend, emphasizing clean design and effective prompt engineering.

Certifications

The Complete Flutter Development Bootcamp with Dart

Udemy, 2024
[View Certificate](#)

Node.js, Express, MongoDB & More: The Complete Bootcamp

Udemy, 2024
[View Certificate](#)

The Ultimate React Course 2025: React, Next.js, Redux & More

Udemy, 2024
[View Certificate](#)

Master Spring Boot 3 & Spring Framework 6 with Java

Udemy, 2024
[View Certificate](#)

The Complete 2023 Web Development Bootcamp

Udemy, 2023
[View Certificate](#)

Technologies

Languages: C/C++, Dart, Python, Java, JS/TS/NodeJS

Frontend: Flutter, ReactJS, NextJS, Vite, TailwindCSS, SASS, Bootstrap

Backend: NodeJS, Django, Spring Boot

Databases: PostgreSQL, Supabase, Vector, PgVector

Essentials: Git, GitHub, Terminal, Postman

Extracurricular activity

Assistant Director

BRAC University Computer Club

Aug 2021 – Aug 2022
1 year, 1 month

In this role, I led a team of 15+ members, coordinating and managing club activities and events. I developed and implemented strategic plans to enhance club operations

and member engagement, while fostering a collaborative environment and providing mentorship and support to team members.

Previous Roles at BRAC University Computer Club:

- **Senior Executive** (Aug 2020 – Jul 2021): Supervised club operations and guided junior executives in organizing technical workshops and programming competitions.
- **Executive** (Jan 2020 – Jul 2020): Organized and executed various club events including technical seminars, and networking sessions.
- **General Member** (Jul 2019 – Dec 2019): Actively participated in club activities and gained foundational experience in event management and team collaboration.