

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!"

Career Highlights

- Currently working on 3 industry-level applications professionally at Inshirah including real estate, and fitness applications.
- Created 3 AI applications including RAG and Chatbot systems.
- Developed various pet projects using NextJS, Flutter, Django, and Node.js.

Recently started problem solving journey and solved 30+ problems across various platforms.

LeetCode current rating: 1386 •

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Experience - 2 months

Inshirah Tech

Full Time • Remote

July 2025 – Present

2 months

- **Intern Mobile App Developer**

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

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

Udemy, 2024
[View Certificate](#)

The Ultimate React Course 2024: 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

C/C++, Dart, Python, JS/TS/NodeJS, SQL	Languages
Flutter, ReactJS, NextJS, Vite, TailwindCSS, SASS, Bootstrap	Frontend
NodeJS, Django	Backend
PostgreSQL, Supabase, Vector, PgVector	Databases
Git, GitHub, Terminal, Postman	Essentials

Extracurricular activity

BRAC University Computer Club Full Time • On-site	Jul 2019 – Aug 2022 3 years, 2 months
<ul style="list-style-type: none">Assistant Director Aug 2021 – Aug 2022 1 year, 1 month Led a team of 15+ members, coordinating and managing club activities and events. 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.Senior Executive Aug 2020 – Jul 2021 1 yearExecutive Jan 2020 – Jul 2021 1 year, 7 monthsGeneral Member Jul 2019 – Dec 2019 6 months	