

# FARHIN RAHMAN

Dhaka, Bangladesh

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Aspiring technology and research with focus on innovation and system efficiency.

## Education

### BRAC University

Bachelor of Science in Computer Science

CGPA: 3.40 out of 4.00

May 2022 – Jan 2026

Dhaka, Bangladesh

## Relevant Coursework

- Data Structures
- Algorithms
- System Design
- Software Engineering
- Database Systems
- Artificial Intelligence
- Web Development
- Operating Systems
- Computer Networks
- OOP
- Computer Graphics
- NLP

## Technical Skills

**Languages:** JavaScript, TypeScript, Python, HTML/CSS, SQL, C

**Technologies:** React, Node, Next.js, Tailwind, Prisma ORM, MySQL, PostgreSQL, MongoDB, Mongoose ODM, Shadcn UI

**Developer Tools:** Linux, Windows, VS Code, GitHub, v0.dev, ChatGPT, Gemini, Claude, Chrome DevTools

**Design Tools:** Figma, Canva, Framer

## Projects

### Cartyxor – Multivendor E-Commerce Platform | | | Next.js, React, MongoDB

In Progress

- Building a multi-vendor marketplace where creators can host personalized storefronts and sell digital products.
- Developing vendor analytics, reviews, and secure authentication serving 5+ test merchants.
- Designed scalable data models using MongoDB to support future expansion beyond 10k+ products.

### Portfolio Website | | | Next.js, Tailwind CSS, Shadcn, Vercel

Mar 2025

- Built a fully responsive portfolio with animated sections, improving visitor engagement by 40%.
- Deployed using Vercel with features like dark mode toggle, contact form, and project showcase cards.

### Smartwatch Interface Design | | UI/UX Design

Aug 2025

- Designed a smartwatch UI focusing on usability and motion-based micro-interactions.
- Tested usability with 8 users and iterated on navigation clarity and interaction feedback.

### Parallax Scrolling Perfume Page — Interaction Design | | UI/UX Design

Oct 2025

- Implemented smooth forward scroll and reverse drag interactions to maintain fluidity and avoid user disorientation.

### Parcel Tracking — Single Page Checkout | | UI/UX Design

Dec 2025

- Designed dynamic ETA and pricing feedback to reduce user anxiety after request confirmation.
- Prototyped an end-to-end flow (Pickup → Pricing → Tracking) with interactive transitions in Figma.

## Extra-curricular Activities & Certifications

### Next Gen Ideathon: BRAC Univeristy

Dec 2025

Finalist / Participant

### Poridhi Presents AI Engineering Hackathon: Powered by Brain Station 23

Apr 2025

Participant

### Introduction to TensorFlow in Python – DataCamp

Jul 2025

Course

### Introduction to Frontend Development – Meta

Sep 2024

Course

### Programming Hero: Web Development

Jan 2024

Course

### BRACU Intra-University Programming Contest — Top 20

Nov 2022

Participant