

# Shefayat E Shams Adib

Software Engineer Undergraduate

Dhaka, Bangladesh

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## Education

- **2022–Present: BSc in Software Engineering**, Islamic University of Technology, Dhaka, Bangladesh.  
CGPA: 3.46/4.00 (Till 5th Semester)

## Work Experience

- **2024–Present: Software Developer, RES Tech, Dhaka**
  - System design and frontend development for ace-portfolio
  - Developed landing page for Podcast Shorts by Rat@Studios
  - Conducted UI/UX design and research on multiple small projects

## Projects

- **Campus-Buy** (AI Student Marketplace), 2025
  - **Role: UI design and backend development**
  - MERN stack marketplace with AI integration and Chatbase API.
  - **GitHub**
- **KrishokBondhu** (AI & ML Agricultural Platform), 2024–2025
  - **Role: Frontend development and research implementation**
  - AI-powered agricultural assistance platform featuring crop recommendations, fertilizer suggestions, and plant disease detection.
  - **GitHub**
- **BlockFunder** (Blockchain Crowdfunding Platform), 2024–2025
  - **Role: UI design, prototype development using Figma, chatbot integration, and backend functionalities**
  - MERN stack web application with Solidity smart contracts and BotPress integration.
  - **GitHub**
- **Talkster Chat App** (Real-time Communication Platform), 2024
  - **Role: Full-stack development**
  - MERN stack chat application with Socket.io and JWT authentication.
  - **GitHub**

## Technical Skills

- **Programming Languages:** C, C++, C#, Python, Java, JavaScript, TypeScript, HTML, CSS, Solidity
- **Frameworks & Libraries:** React, Node.js, Next.js, Express.js, FastAPI, NumPy, Scikit-learn, TensorFlow
- **Databases:** MongoDB, PostgreSQL, SQLite, Neo4j, Oracle
- **Cloud & DevOps:** AWS, Microsoft Azure, Render, Vercel, Docker, GitHub, Postman
- **Design Tools:** Figma, Canva, Adobe Photoshop
- **Development Tools:** WordPress, BotPress, Microsoft Office Suite
- **Languages:** English, Bangla, Hindi

## Achievements & Competitions

- **2025:** UIU Blockchain Olympiad 2025 – **Finalist**
- **2024:** CodeRush 3.0 Hackathon – **Top 10** (Presentation Round)
- **2023:** CodeRush 2.0 Hackathon – **11th Place** (2nd among Freshman Teams)
- **2023:** CodeRush 2.0 Capture The Flag – **22nd Place** (4th among Freshman Teams)
- **2023:** MindSparks23 Business Case Competition – **Finalist**
- **2021:** UIU English Olympiad – **Top 30**

## Leadership & Extracurricular Activities

- **2022–2024: Public Relations & Event Management, IUT Computer Society**
  - Organizing member of Datathon Event in ICT Fest 2024
  - Established partnership with TiCon Limited for future collaborations
  - Managed logistics and crowd control for seminars and tech events
  - **Events:** IUT 11th National ICT Fest 2024, CodeRush 2.0 (2023)
- **2022–Present: Secretary (Public Relations), IUT Photographic Society**
  - Organizing member for Break The Circle (BTC) 2023, Pronoia 2023 & 2024
  - Volunteer coordinator for Convocation 2024
  - Managed communication and logistics for photography workshops
- **2019–2021: College Sergeant (Prefectship), Rajuk Uttara Model College**
  - Leadership role in discipline and management