Shefayat E Shams Adib

Software Engineer Undergraduate

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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

- **Ghuroo** (Modern Travel Platform), 2025
  - *Role:* **UI design and backend development**
  - A travel platform with - curated tour experiences, authentic reviews, and seamless booking built with React JS, Node.js, Firebase etc.
  - **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