

# MD. AMIR UL ISLAM

🏠 Dhaka, Bangladesh 📞 +8801761443869 ✉️ [adit.pranto@gmail.com](mailto:adit.pranto@gmail.com)  
🌐 [aaditx23.github.io](https://aaditx23.github.io) 🌐 [linkedin.com/in/aaditx23](https://linkedin.com/in/aaditx23) 🌐 [github.com/aaditx23](https://github.com/aaditx23)



## PROFILE STATEMENT

An ambitious computer science graduate actively seeks internship opportunities in Backend Development, Mobile App Development, or Software Quality Assurance. Experienced in building Android apps, back-end systems, and testing workflows through academic and personal projects. Adaptable across tech stacks with a strong foundation in clean code, debugging, and software reliability.

## TECHNICAL SKILLS

- **Testing & QA Tools:** Manual Testing, UI Testing, JMeter, Postman, Selenium (Basic)
- **Programming Languages:** Kotlin, Java, Python, C
- **Mobile Development:** Jetpack Compose, Flutter, Firebase, Retrofit, Room, RealmDB
- **AI & ML Tools:** Ultralytics, YOLO, LiteRT
- **Databases:** MongoDB, MySQL
- **Web Frameworks & Technologies:** MERN Stack, Django, Spring Boot
- **Operating Systems & Development Environments:** Arch Linux, CLI
- **Version Control & Collaboration:** Git, GitHub
- **IDEs & Tools:** Android Studio, VS Code, IntelliJ IDEA, Jupyter

## EDUCATION

### BRAC University

*Bachelor of Science in Computer Science, CGPA: 3.52*

**Oct '21 – May '25**

*Merul Badda, Dhaka*

### Birshreshtha Noor Mohammad Public College

*Higher Secondary Certificate (HSC), GPA: 5.00*

**2020**

*Peelkhana, Dhaka*

### Ideal School and College

*Secondary School Certificate (SSC), GPA: 5.00*

**2018**

*Motijheel, Dhaka*

## PROJECTS

### BUCC Official Mobile App | *Kotlin, Jetpack Compose, Retrofit, Realm, FCM, Dagger-Hilt*

- Replaced scattered Messenger groups with a centralized platform, improving task management and internal communication.
- Implemented a role-based contact directory, blog browsing, task management and various other features

### BracuSocial | *Kotlin, Jetpack Compose, Realm, Firebase, Dagger-Hilt*

- Developed an offline class schedule planner, allowing users to plan several routines beforehand on the go.
- Enabled students to view friends' schedules, reducing daily inquiries and improving time management along with finding empty classrooms and labs making campus resource utilization more efficient.

### Club Management System | *MERN Stack, WebRTC, Node.js, React*

- Performed thorough manual testing of UI consistency and backend APIs, including user authentication, video calls, and email automation.
- Implemented features like video call, post management and role based permissions.

### DisTest | *Java Spring Boot, JMeter, Distributed Testing*

- Simulated distributed load testing using JMeter to analyze system performance under concurrent stress.
- Monitored and evaluated the impact of distributed testing on backend stability and response times.

## EXTRACURRICULAR

### BRAC University Computer Club (BUCC)

*Assistant Director of Research & Development*

**Mar '24 – Dec '24**

*Dhaka, Bangladesh*

- Led a team to overhaul the club's recruitment system, transitioning it to a fully digital platform.
- Collaborated with faculty and technical teams to integrate advanced technology into club operations.