

# Rabius Sani Jabiullah

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107/B Near Matir Masjid, Khilgaon  
Dhaka, Bangladesh  
**(880) 159-0044148**  
[robiussanijabiullah@gmail.com](mailto:robiussanijabiullah@gmail.com)

## EXPERIENCE

### Idea Scale— Application Technical Engineer

August 2024 - Present

Performed Level 1 testing on software applications, with a focus on identifying UI improvements and enhancing overall usability. Collaborated closely with development, sysadmin, and security teams to ensure product stability, usability, and compliance with internal standards. Contributed to the development and refinement of user guides and knowledge base articles.

### Department of CSE, UIU - Undergraduate Research Assistant

Jun 2023 - May 2024

Research title: 'PolicyClarity': A User-Centered System for Enhancing Terms and Conditions Visualization.

- Utilized mixed-method research approaches to gather comprehensive data for iterative design improvements. Collaborated with diverse stakeholders, including faculty, end-users, and fellow undergraduate students, to develop and validate design goals for HCI applications.

## PROJECTS

### Krishok Bondhu — (*Android, Java, SQL*)

Collaborated with 7 sugarcane farmers to engineer an Android app, streamlining the agricultural loan process. The optimized interface ensures seamless one-tap navigation.

- Led project at Sher-e-Bangla Agricultural University from data collection to system design and development. Engineered a robust backend using Java to parse MySQL data, employing JSON for efficient data handling.

### Shohoj Thikana — (*Android, Java, SQL*)

Designed an Android app for seamless address sharing, catering to 17 end users. Provided customizable options alongside intuitive features like voice and image input, enhancing user convenience and data protection.

- Developed high-fidelity wireframes and Java backend, integrating Google Maps API and Firebase. Created comprehensive test cases to ensure application reliability and quality.

## TECHNICAL SKILLS

**Programming Languages:** Java, 8086 Assembly

**Framework & Tools:**

Spring Boot, MySQL, Git, GitHub, IntelliJ IDEA, Android Studio, Postman

## Conference

"Krishok-Bondhu: A Tool for Improving Financial Decisions and Reducing Agricultural Risks for Farmers in Bangladesh"

Published in International Conference on Electronics and Informatics 2024

## AWARDS

### Scholarship from University

To achieve outstanding academic excellence.

### Runners-up on UIUCSE Project

#### Showcase '22

for Software Engineering project "Shohoj Thikana."

### Champion on UIUCSE Project

#### Showcase '22

for System Design and Analysis project "Krishok Bondhu."

## EDUCATION

### Bachelor of Science in Computer Science and Engineering

Fall 2023 - United International University

CGPA: 3.38/ 4.00