Rabius Sani Jabiullah

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EXPERIENCE

IdeaScale - Application Technical Engineer

August 2024 - Present

- Performed **Level 1 testing** on software applications, identifying UX issues and usability improvements.

- Collaborated with **development, system administration, and product teams** to ensure product stability and compliance.

- Authored and refined **user guides and knowledge base articles** to support internal and external users

PUBLICATIONS

Between Control and Safety: Purpose-driven Location Sharing Experiences in Bangladesh

Proceedings of the 28th International Conference on Computer and Information Technology (ICCIT 2025), **IEEE**, Cox's Bazar, Bangladesh, **December 2025**.

PROJECT

Shohoj Thikana

A research-informed Android application designed to support secure, user-controlled location sharing. The project combined HCI research, privacy-aware design, and backend development to address real-world safety and control challenges in address sharing.

- Conducted mixed-method user research (surveys and semi-structured interviews) and translated findings into privacy- and control-focused system requirements.

- Designed low- and high-fidelity wireframes and collaborated with faculty, end users, and developers to iteratively refine usability and interaction flows.

- Implemented backend functionality in Java, integrating Google Maps API and Firebase, and created structured test cases to ensure reliability and data integrity.

TECHNICAL SKILLS

Programming Languages:
Java, 8086 Assembly

Framework & Tools:

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

AWARDS

Runners-up on UIUCSE Project Showcase 2022
for Software Engineering project "Shohoj Thikana."

Champion on UIUCSE Project Showcase 2022
for System Design and Analysis project "Krishok Bondhu."

EDUCATION

Bachelor of Science in Computer Science and Engineering,
United International University
Graduated: Fall 2023

Final Year Design Project: "Modelling Farmers' Financial Development of Bangladesh: Technological Aspect and Challenges."

CGPA: 3.38/ 4.00