

MD. MAHAFUJER RAHMAN

Software Engineer (Flutter) | Machine Learning & HCI Research

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PROFESSIONAL SUMMARY

Experienced Software Engineer with more than 3 years of experience creating Flutter mobile applications for Bangladeshi clients/companies. Skilled in developing effective, intuitive, and efficient mobile applications. Knowledge of UI/UX design and how to work collaboratively with them, backend developers, and clients to understand their needs and deliver successful software products. Currently a Research Assistant, with a growing interest in Machine Learning, Human-Computer Interaction, and Deep Learning. Excellent software development knowledge and research skills to investigate solutions in practical technology. Grows knowledge of application development and research activities, problem-solving, and teamwork. Seeking a position as a Software Engineer or Researcher in a role that will allow you to apply technical expertise and gain exposure to meaningful projects and further experience in software engineering and new technologies.

PROFESSIONAL EXPERIENCE

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| Research Assistant
<i>DeepScope Research Lab, IUBAT • Dhaka, Bangladesh</i> | Feb 2026 – Present |
| <ul style="list-style-type: none">• Work with researchers and professors on academic research projects | |
| Research Intern
<i>Carnegie Mellon University – CMU (Xu Lab) • Remote, US</i> | Oct 2025 – Present |
| <ul style="list-style-type: none">• Assisting in computational research and data analysis at Xu Lab.• Collaborating with researchers to process datasets and document findings. | |
| Software Engineer – Flutter
<i>Plexus Cloud • Banani, Dhaka, Bangladesh</i> | Jun 2025 – Present |
| <ul style="list-style-type: none">• Develop and support in-house Flutter applications.• Provide intuitive UX, performance, and stability.• Coordinate with backend and product teams to integrate APIs, resolve issues, and provide timely delivery of features. | |
| Software Engineer – Flutter.
<i>Spark Tech • Banasree, Rampura, Dhaka, Bangladesh</i> | Aug 2024 – May 2025 |
| <ul style="list-style-type: none">• Designed efficient solutions for customers.• Smooth API integration with UI/UX designers and backend developers.• Communicated effectively with clients, ensuring applications met their needs | |
| Jr. Software Engineer – Flutter.
<i>Taagid Technology • Mirpur DOHS, Dhaka, Bangladesh</i> | Dec 2023 – Jul 2024 |
| <ul style="list-style-type: none">• Worked with senior developers to find and fix bugs.• Built and maintained a Flutter app using best industry practices.• Took part in team discussions and code reviews. | |

EDUCATION

BSc in Computer Science and Engineering.

2020 – 2024

IUBAT — International University of Business Agriculture and Technology • Dhaka, Bangladesh

CGPA: 3.07/4.00

Secondary School Certificate (SSC), Science Group

Laxmipur School and College • Gaibandha, Bangladesh

GPA: 4.83/5.00

RESEARCH INTERESTS

Machine Learning, Computer & Society, Human-Computer Interaction (HCI), Information Science, Core Deep Learning & Computer Vision.

PUBLICATIONS

Full list of publications available at <https://scholar.google.com/citations?user=zACN2UIAAAAJ&hl=en>

SKILLS

AI & ML: Kaggle, LLMs, TensorFlow, Multimodal AI

Programming: Python, C++, PHP

Development: Application with Flutter

Cloud & API: Firebase, Postman, Google Play Console

Version Control: Git, GitHub, GitLab

Languages: Bengali (Native), English (Fluent)

LANGUAGES

Bengali (Native)

English (Fluent)

VOLUNTEERING & LEADERSHIP

- Campus Director, Hult Prize at IUBAT (2022–2023)
- General Secretary, Volunteer for Bangladesh, Rangpur Division (2022–2023)
- President, Volunteer for Bangladesh, Gaibandha District (2020–2021)
- Best Contributor, Moshal – Youth for the World Program (2021)

ADDITIONAL INFORMATION

Community & Leadership: Volunteered actively in youth development platforms, planned campus events and social programs

Personal Interests: Football, Tech Blogging, Open-source Software Development.

References available on request.