

# Md. Jahangir Alam

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## Profile

Passionate backend application developer with a commitment to advancing technical expertise. Dedicated to open-source principles, driving innovation through collaborative software development.

## Education


**B.Sc. in Computer Science and Engineering**  
University of Rajshahi

2020 – present  
Rajshahi, Bangladesh

## Skills

Go | Javascript | C++  Bash | Docker | Git | Linux   
Unity Engine | SFML | Flutter 

## Professional Experience

**Vivasoft Limited (Weekdemy 1.0)** 

10/2023 – 03/2024  
Rajshahi, Bangladesh

**Backend Development Training**

- Completed a comprehensive learning and development program focused on backend development.
- Technologies Practiced: Go programming language with Echo, Gin, and GORM libraries.
- Created a stress-testing program for the CircleNetwork product using Go's Resty framework, testing reliability under simulated high-demand conditions.
- Developed a tool to parse and load mass user data from CSV files into a database, streamlining data import processes.

## Projects

**Workspaces+** 

**Firefox Extension** (<https://addons.mozilla.org/en-US/firefox/addon/workspacesplus/>)

- Enhances productivity by organizing Firefox tabs into separate workspaces.
- Continuously updating and maintaining the extension to ensure compatibility with new Firefox versions and improving user experience based on feedback.
- active user count: 150+

**AR Here** 

**Augmented Reality (AR) application using Flutter** (<https://github.com/jahangir1x/ar-here>)

- Enables users to view 3D elements in their real environment.
- Leveraged ARCore and ARKit for cross-platform AR functionality.
- Implemented features such as real-time object placement, interaction with 3D models, and intuitive user interface.

**DISRUPTION** 

**3D Third-Person Survival Shooter Game using Unity Engine** (<https://github.com/jahangir1x/disruption-unity>)

- Developed custom enemy AI to sense player and attack.
- Designed immersive environment with custom assets.
- Developed custom hand rigging in Unity.

## Achievements

**Champion on Idea Showcasing with Poster Presentation**  
7th International Conference on Recent Progresses in Science, Engineering and Technology 2022

Rajshahi, Bangladesh

## Languages

**Bangla**  
Native proficiency

**English**  
Professional working proficiency