

# Muhammad Ragib Hasin

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## Technical Skills

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- **Programming Languages:** Rust, TypeScript/JavaScript, C++, Julia, Python, C#, HTML, CSS
- **Frameworks:** Xilem, Axum, React.js, Deno, Node.js, .NET
- **DevOps & Tools:** Postman, Docker, Git, Github Actions

## Contributions

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**Tackler** Jan 2025  
Rust | Finance ([github.com/tackler-ng/tackler](https://github.com/tackler-ng/tackler))

- Designed and implemented market price analysis.

**Xilem** Aug 2024 — Apr 2026  
Rust | GUI ([github.com/linebender/xilem](https://github.com/linebender/xilem))

- Fixed various bugs.
- Enabled platform-specific window customization on Windows.
- Assisted in code cleanup and general maintenance.

**Understory** Mar 2026  
Rust | GUI ([github.com/edoli/understory](https://github.com/edoli/understory))

- Added support for sparse virtual list loading.

## Projects

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**Scrolled Quran** Feb 2026  
Rust | Xilem | TypeScript ([github.com/RagibHasin/scrolled-quran](https://github.com/RagibHasin/scrolled-quran))

- Designed a continuously scrolling reader UI.
- Orchestrated asset embedding for single file application.
- Adapted existing vertical scroll widget to horizontal scrolling.
- Ported scroll widget to more robust foundation.

**Uo Keyboard** Jan 2024 — Jan 2026  
Rust ([github.com/RagibHasin/uo-keyboard](https://github.com/RagibHasin/uo-keyboard))

- Ported Windows Text Service Framework example to Rust.
- Adapted existing transliteration solution to Windows TSF.

**AdhaanGUI** 2021  
Rust | Xilem ([github.com/RagibHasin/AdhaanGUI](https://github.com/RagibHasin/AdhaanGUI))

- Designed a floating timetable UI.
- Ported existing solution to Rust.

## Education

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**Rajshahi University of Engineering and Technology** Rajshahi, Bangladesh  
Bachelor of Science in Electrical and Electronic Engineering Feb 2019 — Jul 2024