

Md. Touhidur Rahman

Backend Engineer (Personal projects get **60M+ requests / month**)
(Comfortable with **FullStack MERN** development also)

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Technologies Used:

Languages (programming): JavaScript, TypeScript, Python3, C, C++, sh, Bash

Languages (Markup): HTML, CSS, BBCode, Markdown, etc.

Frameworks / Runtimes: NodeJS, express.js, fastifyjs, MongoDB, discord.js, Redis, NestJs, Tauri, Prisma etc.

Cloud Technologies: Heroku, MongoDB Atlas, Cloudflare, Cloudflare Workers, Cloudflare Pages, Cloudflare KV, firebase, Google Cloud, Azure Cloud, CockroachDB Cloud etc.

Other: Proficient at scripting in various languages like sh, bash, Python3, JavaScript, etc. Also proficient at using automated taskers like **GitHub Actions**, **Gitlab CI**, etc.

Experience: 5 months as Part Time Software Engineer @ Possier

Some Major Projects:

- 1. UncivServer.xyz:** The most popular game server for the open source 4X civilization-building strategy game Unciv. According to Cloudflare Analytics, the server gets more than **~70k unique** visitors per month generating well over **60M+ requests per month**. In addition to supporting the default requirements of Unciv, the offers many additional features like real-time Discord notifications for in-game events, and experimental support for Battle Royale games etc.
The server is written in JavaScript with NodeJS runtime and ExpressJS server framework. Also uses MongoDB, Cloudflare KV, etc. for DB information hosting. The server used to use Cloudflare Pages and Functions but moved away from it for growing traffic.
- 2. UncivGames Democracy Bot:** A Discord slash command bot. The bot is hosted on Cloudflare Workers and implemented as a serverless function-based app.
The features include support for real-time discord notifications for UncivServer.xyz and many companion features for the game Unciv.
The bot is written purely in JavaScript implementing the official Discord API directly. It doesn't rely on any bot framework like discord.js
- 3. iplist-youtube:** A project that collects the IP addresses that YouTube uses dynamically with cronjobs and CI taking advantage of round-robin DNS system with the intention of eventually detecting all of the IPs that YouTube uses for its services worldwide.
Currently, the project has a list of 13k+ ipv4 and ipv6 addresses.
- 4. mirrorTouhidurrrr:** A WebProxy built with Cloudflare Workers. A privacy project that can be compared with **VPN** or **tor**. The site can display almost any static site's content identically without exposing your IP or information to the server.

Written in pure Javascript.

The project won a prize from Cloudflare in their Dev Summer Challenge 2020 at which it was submitted.

Hosted using Cloudflare Pages and Cloudflare Workers.