

Jawad Ali

Fullstack Web and Systems Developer

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🐙 Github

👤 Profile

I'm a 17 year old software engineer with **5+** years of experience in **full-stack** development and **systems** programming. My expertise spans designing and building scalable web applications (using modern frameworks like React, Express, and Tailwind) and crafting efficient, low-level tools for system automation, data collection, and performance monitoring.

I pride myself over expertise of **both high-level architecture and low-level system operations**, and their interactions, of course, combining a strong foundation in software engineering principles with hands-on experience in native APIs, hardware interfacing, and operating system internals. Whether it's optimizing a database query, debugging a tricky system call, or architecting a robust API, I aim for solutions that are clean, performant, and reliable.

Also, I like tea more than coffee.

📁 Professional Experience

Prim/Hashim (LunarProxy)

11/2024 - 05/2025

Junior Full-stack Developer (Startup) ☑

USA

- Redesigned websites to optimize navigation and increase visual appeal (**boosting traffic by over 2x!**).
- Enhanced website speed and scalability (**up to 1000% more**) through optimization techniques.
- Provided **technical support** for resolving customer issues in web development projects.
- Utilized **Git** for version control, fostering effective team collaboration.
- Collaborated with UX/UI designers to implement functional web applications from visual concepts, using **Figma**.
- Worked on the backend to fix performance issues related to high traffic, **allowing for up to 1 million concurrent visitors**.

Nat/Harhoon (Sulfurium Network)

01/2022 - 10/2024

Junior Backend Developer (Startup)

- Analyzed code to optimize program performance through targeted modifications, increasing TPS by **over 50%** (13 -> 20).
- Used XDbg to debug the plugins thoroughly, and utilised performance benchmarks aswell to improve their performance (**up to 50% more**).
- Used PThreads and asynchronous programming to improve performance issues related to high traffic (allowing **10,000** concurrent players).
- Developed secure and efficient database structures to enhance data storage capabilities, employing **Redis** for efficient caching.
- Integrated **object-oriented design techniques** into projects to improve usability.

- Updated and enhanced existing plugins for optimal functionality (from **API v3 -> v5**).

thurm64 (CheeselandNetwork)

03/2021 - 10/2021

Senior Backend Developer (Startup)

- Developed extensively for them, including utilising world **generation algorithms** commonly employed in video game development to optimise world generation using **PHP** plugins (**increasing world generation speed by over 5000% and adding biome support!**).
- **Helped market the development process** by posting exciting sneakpeeks of features under development.
- Co-ordinated with other developers in the team, including the head developer, and worked together on several projects, **offering simple explanations to the manager regarding the development process**.
- Utilised **DLLs** written in **C++** to handle **low-level system programming** (related to the **WinAPI**) to **optimise** several system calls (increasing performance significantly).



Skills

Fullstack Web Developer – I'm proficient in designing and deploying scalable web applications using React, Node.js, and Express, with strong expertise in API design, database integration (SQL/NoSQL), and CI/CD pipelines, with **over 5 years of experience**.

Systems Developer – I'm proficient in systems' programming, with special expertise in the WinAPI (and otherwise familiarity with the UNIX CLI tools and frameworks) and its subsequent frameworks. I prefer using C++ for this field of development, employing Golang as a high-level wrapper.



Projects

seekehr.github.io

My portfolio website, written using just, raw HTML/CSS/JS.

DevSpoofGO

This project works by injecting a **custom DLL** into the target process. When the target app tries to ask the system for things like the bios serial, we intercept the call and return our own values instead.

All custom information is passed in at runtime from the **injector**, written in **Go**. It uses *VirtualAllocEx*, *WriteProcessMemory*, *CreateRemoteThread*, etc to load the DLL and call its setup functions directly in the target process.

No file edits, no system changes; just an in-memory override. It was made in compliance with legal, ethical concerns and is only intended to be used for development purposes; I created a specific test application for its testing purposes rather than use a commercial app.

ZeqaStores [↗](#)

04/2025 - 04/2025

ZeqaStores is a sleek, user-friendly e-commerce platform built with the **MERN** stack. It has an intuitive design, **allowing users to browse and manage products without requiring login credentials**. The store's **elegant UI** offers theme options, providing a customizable look and feel. Adding products to the store is simple, **making it easy for store owners to manage their inventory**.

LoanTracker [↗](#)

A full-stack **SaaS** application for loan management, leveraging **React/Tailwind UI, Express.js REST APIs, MySQL for relational data, and Redis for low-latency caching**.

My Blog [↗](#)

A crypto/coding blog written using Jekyll.

NotTwitterBackend [↗](#)

Backend for a social media clone, built with Express.js, enabling user authentication, post management, and real-time interactions through RESTful APIs and MySQL.

NotTwitterFrontend [↗](#)

Frontend of a social media platform inspired by Twitter, developed with React for dynamic user interfaces and Tailwind CSS for responsive, utility-first design.

pfpm [↗](#)

2023

Pathfinding plugin for PocketMine-MP, utilizing A* and other advanced algorithms for optimal navigation, with a modular and extensible API enabling seamless integration and custom behavior for developers.

PasswordManager [↗](#)

A secure password manager inspired by KeePassXC, implementing Argon2 hashing for master password protection and AES encryption for storing passwords. Supports multiple user profiles, encrypted backups, and robust data security features, written in Python.

PoggitPE [↗](#)

2021

Automated PocketMine-MP plugin downloader utilizing API endpoints from Poggit, with anti-abuse features like rate limiting and request validation, and a dynamic metadata parser for real-time plugin info.

RedditVideoMakerBot-Updated [↗](#)

Updated a really cool project to automatically generate reddit videos. Fixed bugs, added comment support, text customization, keyword searching, PRAW BFS optimised searching, etc etc.

moosik [↗](#)

A music downloading and sharing app that allows you to easily download and share music.