Mohammed Farhan

hello@ifarhan.tech | ifarhan.tech | github.com/Farhan291 | linkedin.com/mohammed-farhan

Education

Ramaiah Institute of Technology   **Oct 2024 – May 2028 (Expected)**
Bachelor of Technology in Computer Science and Engineering   *Bengaluru, Karnataka*

- **CGPA:** 9.20 / 10.00 *(up to 2nd semester)*

Technical Skills

Languages	JavaScript, TypeScript, C, C++, C#
Frameworks and Libraries	Next.js, React.js, Express, Hono.js, Node.js, Drizzle
Databases	PostgreSQL, MySQL, MongoDB, Redis
Tools	Git, GitHub, Neovim, Docker, Vercel
Operating Systems	Windows, Ubuntu, Arch Linux, Fedora

Projects

Fetchy | C   [GitHub](#)

- Implemented a minimal command-line tool in C to fetch web content over HTTP and HTTPS
- Built custom request and response parsing logic, including header handling
- Added HTTPS support using SSL/TLS and low-level socket programming
- Designed modular components for request construction, response parsing, and connection handling

Ember | C   [GitHub](#)

- Built an HTTP/1.1 server from scratch in C using POSIX socket APIs
- Implemented request parsing, routing, and static file serving (HTML, CSS, JS)
- Handled CRLF parsing, chunked responses, and stream-based I/O
- Focused on low-level networking, correctness, and simplicity

create-light-stack | TypeScript   [GitHub](#)

- Designed an opinionated CLI to scaffold full-stack monorepos with best-practice defaults
- Automated setup for TypeScript, backend frameworks (Express/Hono), databases, and tooling
- Reduced project setup time by standardizing configuration and defaults
- Focused on type safety, consistency, and improving developer productivity

Open Source Contributions

Express.js Documentation Contributor

- Fixed broken anchor links in non-English Express.js 4.x API documentation by restoring missing API sections ([#2076](#), [#2068](#))