

Mohammed Farhan

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Education

Ramaiah Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Oct 2024 – May 2028 (Expected)

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, POSIX Sockets, OpenSSL

[GitHub](#)

A lightweight CLI utility designed to retrieve web content via HTTP/HTTPS protocols using low-level networking.

- Built a minimal curl-like command-line utility to fetch web content over HTTP and HTTPS
- Implemented custom HTTP request/response parsing with header handling
- Added HTTPS support using SSL/TLS and low-level socket programming

Ember | C, HTTP/1.1, POSIX Networking

[GitHub](#)

A from-scratch HTTP/1.1 web server implementation focused on efficient static file delivery and request routing.

- Implemented an HTTP/1.1 web server from scratch using POSIX socket APIs
- Built request parsing, routing, and static file serving for HTML, CSS, and JavaScript
- Handled CRLF parsing, stream-based I/O, and chunked responses

create-light-stack | TypeScript, Node.js, Express, Hono

[GitHub](#)

A developer productivity tool that scaffolds type-safe, full-stack monorepo environments in seconds.

- Developed an opinionated CLI to scaffold full-stack TypeScript monorepos with best-practice defaults
- Automated setup for backend frameworks, databases, and developer tooling
- Reduced project setup time by standardizing configuration 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)

Fumadocs

- Implemented VS Code-style #region extraction for MDX <include /> code blocks (#2791)