Amman, Jordan <u>Linkedin</u> <u>Github</u> Website

Yazan Alqasem

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I'm a fresh computer-science graduate and full-stack developer specializing in JavaScript/TypeScript. A passionate GNU/Linux enthusiast running NixOS daily, I love pushing the web's boundaries and exploring system programming to deepen my technical expertise.

Work Experience

Full-Stack Web Developer

May 2022 - Present

- Created solutions for freelance clients and personal projects
- Designing and building full-stack applications using modern frameworks and tools
- Developed and maintained Node.js/Deno/Bun Services.
- Designed and optimized PostgreSQL schemas using Prisma/Drizzle.
- Automated Docker-based CI/CD pipelines with GitHub Actions and Cloudflare Workers.

Technologies and Languages

- Languages: TypeScript, JavaScript, Python, C, WebAssembly
- Frontend: React, Next.js, Vite, Zustand, React Query, TailwindCSS, ShadcnUI
- Backend: Node.js, Bun, Deno, Cloudflare Workers, Express, Hono
- Databases: SQLite, PostgreSQL, Redis, Prisma, Drizzle
- DevOps: Docker, Git, GitHub Actions, Cloudflare, Nginx, Linux, NixOS

Education and Certifications

B.Sc. Computer Science, Jadara University.

Oct 2021 - June 2025

Projects

SQLite Viewer

(Source, Website)

• Built a client-side SQLite database editor in React + WebAssembly processing files entirely in-browser with zero server dependency. Implemented web workers for threading, and 12 keyboard shortcuts for users workflows.

MiftahDB (Source)

- Built a high-performance synchronous key-value database library for Node.js/Bun with SQLite backend.
- Implemented advanced features: pattern matching, namespacing, and Result-type error handling.
- Published NPM package with comprehensive TypeScript support, 40+ API methods, and optimized SQLite.

Temporary mail (Source)

 Built serverless temporary email service using Cloudflare Workers with D1 database, Email Routing, R2/KV storage handling 100k+ emails daily across multiple domains with automatic cleanup.