

Amman, Jordan

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Yazan Alqasem

vwhe@proton.me

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.