

Amman, Jordan

[Linkedin](#)

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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

DevOps Consultant | Quran.com Foundation

Aug 2025 - Present

- Implemented enhanced Grafana dashboards using TypeScript SDK.
- Implemented a comprehensive logging solution with Loki and Promtail for systemd monitoring.
- Optimized alerting systems and resolved critical infrastructure issues across production servers.
- Enhanced operational visibility through improved data visualization and monitoring capabilities.

Full-Stack Web Developer | Freelance

May 2022 - Present

- Created full-stack web applications for freelance clients and personal
- Developed RESTful APIs and server-side applications with Node.js, Deno, and Bun.
- Managed databases including SQLite, PostgreSQL, and Redis for efficient data handling and scalability.

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, Grafana, 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 1M+ emails daily across multiple domains with automatic cleanup.