Mohamad Jawad Zaiter

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SUMMARY

Versatile software engineer with a strong background in building full-fledged web and mobile applications. Capable of creating complete solutions across all layers of software engineering, from user interface to server-side functionality and data management.

WORK EXPERIENCE

Full-Stack Developer   June 2024 – Present
Alpha Technology Group

- Maintained a 100,000+ line **.NET Core** codebase, focusing on debugging critical issues and managing interactions with the **SQL Server** database.
- Integrated new features into the **.NET Core** application, including advanced email and push notification capabilities using **Firebase**.
- Rebuilt a major media company's 50+ page website with **Next.js**, driving a 10% increase in performance and SEO metrics.
- Converted multiple Adobe XD/Figma designs into **HTML**, **CSS**, and **Javascript** while collaborating closely with designers.
- Created a sample project that utilizes **FFmpeg** and **Node.js** to efficiently process and merge videos.

Software Engineer   August. 2023 – Present
Freelance

- Developed a full-stack **Next.js** website with **Strapi CMS** and **PostgreSQL** for a car rental company in Canada, enhancing their online presence and booking capabilities.
- Built a **React Native** mobile app with **Firebase** for a university professor, enabling streamlined sharing of courses and educational content with students, alongside secure authentication.
- Engineered a custom backend with **Strapi**, adding advanced authentication, custom routes, and lifecycle hooks, with **Novu** and **SendGrid** for email integration.

NOTABLE PROJECTS

Giro | Next.js, .NET Core, PostgreSQL, Docker, Stripe   Sep 2024 – Nov 2024

- Created Giro, an Uber-like ride booking platform allowing users to sign up as riders or drivers.
- Integrated flexible payment options, including secure card processing via **Stripe** and cash alternatives.
- Enabled real-time location tracking for rides and live updates using **SignalR** and **Google API**.
- Implemented secure authentication with JWT-based cookies for user safety.
- Utilized **Docker** for efficient deployment and scalability.

Commercius | Expo React Native, TypeScript, Fastify, PostgreSQL   Feb 2024 – July 2024

- Created Commercius, a mobile marketplace app enabling item listings and real-time messaging between users with **Socket.io**.
- Implemented Google and email/password authentication to secure user access.
- Utilized optimistic updates for a smoother user experience, minimizing wait times during actions.
- Enabled email notifications using **Nodemailer**, improving user engagement and communication.
- Optimized state management with **Redux** and **RTK Query** for efficient data handling.

TECHNICAL SKILLS

Languages: HTML/CSS, Javascript, Typescript, C#, SQL
Frameworks: React.js, Next.js, TailwindCSS, Expo React Native, Express.js, Fastify.js, .NET Core
Databases and Backend Services: MySQL, SQL Server, PostgreSQL, MongoDB, Strapi, Firebase, Redis
Developer Tools: Git, Docker, Postman, Cloudflare, Digital Ocean, Vercel, VS Code, Visual Studio

EDUCATION

Lebanese International University   Beirut, LB
Bachelor of Arts in Computer Science   *Oct. 2023 – Present*