Hussein Nasrallah

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PROFILE

Software Engineer passionate about solving complex problems and transforming ideas into innovative, high-quality digital solutions.

SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, Next JS, Vue.js, Tailwind CSS, Zustand, TanStack Query, ShadCN UI

Backend:: Node.js, Express.js, Fastify, ASP .NET ⬡ Core, Entity Framework Core, Microservice Architecture, RabbitMQ

Databases & ORMs: PostgreSQL, SQL Server, MongoDB, MySQL, Prisma ORM

Mobile/ Android Development: Java, React Native

Cloud & DevOps: Aws, Azure, Docker, Kubernetes

Software Development Practices: OOP, SOLID, DRY, Clean Architecture, Design Patterns (Mediator, Repository, etc.)

Tools & Version Control: Git, GitHub, Bitbucket , Postman, Swagger

PROFESSIONAL EXPERIENCE

PetSafe Project   04/2025 – 07/2025
- Delivered a veterinary clinic management app using React Native, TypeScript, Zustand, and TanStack Query. Built a Fastify + Prisma + PostgreSQL backend with secure authentication and clinic management features.

Frontend Developer – Omega Crop   12/2024 – 06/2025
- Developed responsive React features for a crop-tracking SaaS. Integrated real-time geospatial insights, Firebase data flows, and improved UI/UX for field users.

Inventory Management System   03/2024 – 06/2024
- Built an inventory system with ASP.NET ⬡ Core backend and React + TypeScript frontend. Used Zustand, TanStack Query, and Firebase for real-time sync and streamlined workflows.

Smart Soft | Backend Developer   06/2023 – 11/2023
- Developed backend modules (Payroll, Orders, Sales, Dashboard) using C#, ASP.NET ⬡ Core, and EF Core, applying SOLID, DRY, and Mediator/Repository patterns for scalability.

PROJECTS

Stock Tracker app 🔗   09/2025
- Built with **Next.js** and **MongoDB**, this app delivers **real-time stock prices**, **personalized alerts**, and **detailed company insights** using **Finnhub** and **Trendview APIs**, helping users make informed investment decisions.

Walletly 🔗   07/2025
- A **React Native** app for seamless user interactions, built with **Zustand** for state management and **TanStack Form & Query** for efficient forms and data handling. The backend is powered by **Node.js**, **TypeScript**, **Prisma**, and **PostgreSQL** for robust and scalable data management.

BidDrive 🔗   08/2025 – 09/2025
Car auction platform with a microservices architecture. The **Next.js** frontend uses **NextAuth**, **React Query**, and **TypeScript**, while **.NET 9** microservices handle auctions, bidding, and identity. The project is fully containerized with Docker for scalability and maintainability.

EDUCATION

Bachelor of Computer Science, Lebanese University   11/2021 – 06/2024
                                                                                                                      Beirut, Lebanon

LANGUAGES

- English
- Arabic