

Hussein Nasrallah

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 hussein-nasrallah.dev

PROFILE

Full-stack Software Engineer with 3+ years of experience building scalable web and mobile applications. Specialized in modern JavaScript/TypeScript ecosystems, microservices architecture, and cloud-native solutions. Proven track record delivering high-quality software across frontend, backend, and mobile platforms.

SKILLS

Languages: JavaScript, TypeScript, C#, Java, C

Frontend: React, Next JS, Vue.js, Tailwind CSS, Zustand, TanStack Query, ShadCN UI

Backend: Node.js, Express.js, Fastify, ASP.NET Core, Entity Framework Core

Architecture: Microservices, Clean Architecture, RESTful APIs

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

Message Queues: RabbitMQ

Mobile: Java, React Native

Cloud & DevOps: AWS, Azure, Docker, Kubernetes

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

Tools: Git, GitHub, Bitbucket, Postman, Swagger

PROFESSIONAL EXPERIENCE

Frontend Developer | Omega Crop

12/2024 – 06/2025

Developed responsive features for a crop-tracking SaaS platform serving agricultural field operations.

- Built real-time geospatial visualization components using React, improving field monitoring efficiency for users
- Integrated Firebase data flows for live crop status updates and historical tracking
- Enhanced UI/UX with modern design patterns, reducing user task completion time
- Collaborated with cross-functional teams to deliver features aligned with farmer workflow requirements

Smart Soft | Backend Developer

06/2023 – 11/2023

Designed and developed backend modules for an enterprise resource planning system using C# and ASP.NET Core.

- Architected and implemented Payroll, Orders, Sales, and Dashboard modules using Entity Framework Core
- Applied SOLID principles, DRY methodology, and design patterns (Mediator, Repository) for maintainable and scalable code
- Optimized database queries and API endpoints, improving system response times
- Collaborated with frontend teams to design and document RESTful APIs using Swagger

Freelance Full-Stack Developer | PetSafe Project

04/2025 – 07/2025

Delivered a complete veterinary clinic management application for multi-clinic operations.

- Built cross-platform mobile app using React Native and TypeScript with Zustand state management
- Developed secure backend API with Fastify, Prisma ORM, and PostgreSQL
- Implemented JWT-based authentication and role-based access control for clinic staff
- Designed database schema supporting appointment scheduling, patient records, and multi-clinic management

Freelance Full-Stack Developer | Inventory Management System

03/2024 – 06/2024

Full-stack inventory tracking system with real-time synchronization capabilities.

- Built ASP.NET Core Web API backend with SQL Server for inventory data management
- Developed React + TypeScript frontend with Zustand and TanStack Query for efficient state and server data handling
- Integrated Firebase for real-time inventory updates across multiple warehouse locations
- Implemented role-based permissions and audit logging for inventory transactions

PROJECTS

Stock Tracker app

09/2025

Real-time stock market tracking application delivering personalized investment insights.

- Integrated Finnhub and TradingView APIs for live stock prices and comprehensive market data
- Implemented customizable price alerts and portfolio tracking features using Next.js and TypeScript
- Designed MongoDB schema for efficient storage of user preferences and historical data
- Built responsive UI with detailed company profiles, financial metrics, and interactive charts

BidDrive | Car Auction Platform

08/2025 – 09/2025

Full-stack microservices-based car auction platform with real-time bidding capabilities.

- Architected microservices using .NET 9 for Auctions, Bidding, Identity, and Notifications services
- Built responsive Next.js frontend with NextAuth authentication, React Query for data fetching, and TypeScript
- Implemented event-driven communication between services using RabbitMQ
- Containerized entire application with Docker for simplified deployment and scalability
- Configured Kubernetes orchestration for production-ready deployment

Walletly | Personal Finance Manager

07/2025

Mobile-first expense tracking application for seamless personal finance management.

- Developed React Native mobile app with intuitive UX for daily expense logging
- Implemented Zustand for efficient global state management across app screens
- Built Node.js backend with TypeScript, Prisma ORM, and PostgreSQL for robust data persistence
- Designed TanStack Form integration for validated, user-friendly input forms
- Created data visualization features for spending insights and budget tracking

EDUCATION

Bachelor of Computer Science, Lebanese University

11/2021 – 06/2024

Beirut, Lebanon

LANGUAGES

- English
- Arabic