

Idan Hur

Fullstack Engineer

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About

Fullstack (mostly Backend) Engineer, Armed with a B.S. in Software Engineering, and insights from the "Smart Up" **Honor program**.

Proficient in **C#, ASP.NET, .NET Core**, JavaScript and web technologies **React**, NextJs, Tailwind and Bootstrap. To see it in action, visit my [website](#).

Experience

Megger 12/2023 – Present

Fullstack Engineer – 12/2024 – Present

- Maintain and develop new features across a **.NET 9** backend and **React 18** based frontend (using **Redux** and **MUI**) for an IoT-focused SaaS platform.
- Upgraded the platform from React 16 to React 18 and .NET 6 to .NET 9, improving concurrency, performance, and maintainability.

Software Engineer 12/2023 – 12/2024

- Maintained and optimized backend services in **.NET Framework 4.8** using **Entity Framework** and **asynchronous programming**, improving IoT data throughput and **SQL Server** efficiency.
- Enhanced **RESTful APIs** in **.NET 6** with JWT, OAuth 2.0, and **role-based access** control for secure, scalable data access.
- Refactored production testers in **.NET Framework 4.8** (Entity Framework, **MySQL**), cutting test time via asynchronous operations and increasing calibration accuracy through advanced statistical methods.

Projects

Car Auction Site: ([link](#))

- Built a scalable Car Auction Site utilizing **.NET Core**, **microservices**, incorporating PostgreSQL, MongoDB, Entity Framework, **SignalR** and **RabbitMQ**, with advanced features like SSO via IdentityServer and **OAuth 2.0**. Used **Docker** and **Kubernetes** for deployment, and YARP reverse proxy.
- The front end was built with **Next.js**, featuring file-system routing, **Zustand state management**, real-time updates with **SignalR** client, **pagination**, toast notifications, and secure authentication with **NextAuth**. Created a unified, secure user interface with seamless HTTPS support and **Docker** integration.

Skills

- **C# (ASP.NET, .NET Core)**
- **Apache Kafka, RabbitMQ**
- **Microservices**, OOP
- **Docker, Kubernetes, AWS EKS**
- Jenkins
- JavaScript (**React**, NextJs)
- Bootstrap, Tailwind
- Python, Java, Bash
- SQL (MySQL, PostgreSQL, MongoDB)
- **Git** (GitHub, BitBucket, Gitea)
- Linux

Education

Afeka Tel Aviv Academic College of Engineering 2019 – 2023

B.Sc. in Software Engineering, specialization in Machine Learning and AI.

- Participant in the "Smart Up" program for **Honor** students.
- GPA: 89

Languages

Hebrew – Native, English – Fluent

Interests

Baking, Cooking, Cars, Surfing

[Please visit my website!](#)

