Idan Hur

Backend developer

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About

Backend Engineer with a solid foundation as a Backend/Linux developer, Armed with a Bachelor'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.

Deep knowledge of operating systems, data structures, and algorithms accentuates my technical acumen.

In addition to my ability to learn quickly, I have excellent organizational skills, a keen eye for detail, and a collaborative spirit. As far as hobbies go, I'm fascinated with cars and culinary arts, both areas where precision is paramount.

Experience

Junior Linux Developer – HtVet 01/2023 – 06/2023

- Developed an app integrating UVC cameras with microcontroller controls, optimized for Arch Linux tablets; enhanced Python scripts, debugged software, modified API endpoints, incorporated cv2 camera feeds and developed real-time WebRTC communication using Python.

- Automated software package management, managed projects with Monday.com, documented in Confluence, and supervised code via GitLab.

Projects

Connect Four Game: (link)

- Designed a Connect Four game using **ASP.NET** in C# with a **.NET Core** WPF client, delivering advanced server management, containerized deployment via **Docker**, and orchestration with **Kubernetes**.

- Boosted server-side player management with Razor pages, achieved robust database functionality with **Entity Framework & SQL Server**, and ensured secure gameplay with JWT and **Web API** integrations.

Car Auction Site: (link)

- Built a scalable Car Auction Site utilizing **.NET 8** and **microservices**, incorporating PostgreSQL, MongoDB, **Entity Framework**, and **RabbitMQ**, with advanced features like SSO via IdentityServer and **OAuth 2.0**.

- Streamlined deployment and service management with **Docker**. Implemented a reverse proxy using **YARP** within the Gateway service to consolidate **API** endpoints, thereby offering users a unified and secure interaction model.

Skills

C# (**ASP.NET**, **.NET Core**),
Apache Kafka, RabbitMQ
Microservices, OOP
Docker, **Kubernetes**
JavaScript (React, NextJs)
Python, Java, Bash
SQL (MySQL, PostgreSQL, MongoDB)
Bootstrap, Tailwind, HTML, CSS
Git (GitHub, GitLab, BitBucket)
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: 88

Languages

Hebrew – Native, English – Fluent.

Interests

Baking, Cooking, Cars, Surfing