Idan Hur

Backend developer

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Skills

Programming Languages: C#, Python, Java, JavaScript, Bash, C, SQL.
Programming Architectures & Frameworks: .NET, Next.js, Apache Kafka, Microservices, Docker, RabbitMQ, Object-Oriented Programming (OOP), Spring, Model-View-Controller (MVC),
Database Management Systems: MySQL, PostgreSQL, SQL Server.
Front-End Technologies: Bootstrap, Tailwind, HTML, CSS.
Operating Systems: Linux.
Proficient with **Git version control** and platforms like GitHub, GitLab, and BitBucket.

Experience

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

- Adapted proprietary software for Arch Linux tablets using automation bash scripts. Enhanced system reliability by managing diverse packages and developing Linux services.

- Achieved a 20% efficiency boost with real-time WebRTC communication using the aiortc library. Established robust communication with microcontrollers via USB.

- Implemented project planning through Monday.com and maintained autonomy with GitLab for efficient code management in high-demand scenarios.

Projects

Connect Four Game: (link)

- Developed a Connect Four game using **ASP.NET** in C# with a **.NET Core** WPF client, integrating advanced user and server management, real-time interactions, and secure gameplay with JWT and **Web API** integrations.

- Implemented **Docker** and **Kubernetes** for streamlined, scalable deployments, and utilized Razor pages, Entity Framework & SQL Server for enhanced functionality and robust database management.

Car Auction Site: (link)

- Leveraged .NET 8 to architect and develop a scalable Car Auction Site using **microservices**, incorporating PostgreSQL, MongoDB, Entity Framework, and **RabbitMQ**, with advanced functionalities like SSO via IdentityServer implementing OpenID Connect and OAuth 2.0 protocols.

- Dockerized the entire application and services, ensuring streamlined deployment and service management. Implemented a reverse proxy using **YARP** in the Gateway service, consolidating API endpoints and providing a unified, secure interaction model for users.

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