ELIAV YEHUDA

Senior Software Engineer

- 📞 +972548194231 @ eliavhyehuda@gmail.com 🕜 linkedin.com/in/eliavhyehuda 🕜 https://eliavhyehuda.github.io/
- Relocating to Toronto

EXPERIENCE

Senior Software Engineer

Applied Materials

🗰 2021 - Present Tel Aviv, Israel

- · Designed and implemented robust microservices to support enterprise-scale systems.
- · Integrated new technologies with the assistance of AI tools to enhance performance and scalability of high-demand services.
- · Led development of backend components and ensured seamless integration with
- Collaborated with cross-functional teams to define, design, and deliver technical solutions.

Senior Software Engineer

Playtrex

= 2019 - 2021 Tel Aviv, Israel

- Developed full server-side architecture for a cross-platform mobile game that is stable, robust, and easily maintainable.
- Built and maintained scalable infrastructure, supporting increasing user growth.
- Optimized server performance and contributed to DAU growth through feature development.
- · Responsible for deployment pipelines and server stability.

Senior Software Engineer

MRI Software

= 2017 - 2019 Toronto, Canada

- · Implemented architectural transition from multi-tenancy to single-tenancy models
- Enhanced APIs, UI, and backend systems of a SaaS-based BI and data platform.
- Developed performance-driven features including advanced sync modes and scripting tools.

Backend Developer

Autodesk

益 2016 Toronto, Canada

- Resolved high-priority security vulnerabilities (SQLi, XSS, CSRF).
- Improved backend reliability and database performance.
- Integrated tools for API documentation and prototyping.

PROJECTS

WatCola Simulation - Concurrency

Designed and developed a concurrent $\mu C++$ simulation for a distributed vending svstem.

Real-Time Executive - Operating Systems

Co-designed and implemented a real-time operating system for the Keil MCB1700 development board using C.

Straights Card Game - User Interface

Developed a graphical card game interface using C++, gtkmm, and X11, with eventdriven interactions and game logic.

EDUCATION

Bachelor of Software Engineering (BSE)

University of Waterloo

苗 2011 - 2017 👂 Waterloo, Canada

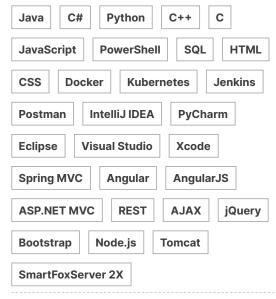
• Honours, Co-Operative Program

SUMMARY

Senior Software Engineer with 8+ years of experience in backend development. Proven track record designing and developing scalable microservices, improving system performance, and integrating modern infrastructure tools. Deep expertise in Java and handson experience with a variety of backend technologies. Committed to building reliable, maintainable systems that support business growth and engineering excellence.

SKILLS

Development & Programming



Infrastructure & Collaboration



INTERESTS



LANGUAGES

English Native	••••
Hebrew Native	••••