

Idan Hadad

SOFTWARE DEVELOPER

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Currently leveraging extensive expertise in C, C++, and Java backend development to deliver scalable, high-performance solutions with a focus on microservice architecture, enterprise integration, and optimized system design across mission-critical applications.

I'm also passionate about generative AI and recently created two personal projects to explore its potential:

Online CV and **Dev Showcase**.

Additionally, I'm developing an open-source Java project that integrates LLMs to help users discover job opportunities more effectively.

Education

RUPPIN ACADEMIC CENTER

Computer Science

October 2019 – August 2022

- Graduated with a GPA of 86.
- Big Data Specialization: Gained expertise in algorithms, tools, and technologies to process, analyze, and derive insights from large-scale datasets.

INFINITY LABS R&D

Software Development

January 2024 – November 2024

- Gained in-depth experience in C and C++ programming within a Linux environment, with a strong focus on data structures, embedded systems, networking, multithreading, operating systems, kernel modules, object-oriented programming (OOP), design patterns, and algorithms.
- Enhanced problem-solving and debugging skills by building real-world applications, practicing Agile methodologies and collaborating within a team to deliver quality software solutions.

Projects

- *IoT Cloud File Storage System: Designed and implemented a distributed IoT file storage system using RAID 0+1 architecture, written in C and C++.*
- *Watchdog software: Developed a fault-tolerant, multi-threaded watchdog program in C to monitor and restart critical processes.*
- *Bacteria Level Prediction in Water: Designed and implemented predictive models using Python to estimate bacterial concentrations in water. This project was developed as part of my final project during the Big Data specialization, leveraging data analysis and machine learning techniques.*

Skills

- Proficiency in Java, Python, C/C++
- Development Tools: Git, Docker
- Operating Systems: Linux
- Adaptability and continuous learning

Languages

- Hebrew: Native.
- English: Fluent.