GAL HALIFA

# SOFTWARE ENGINEER STUDENT

**PROFILE**



**CONTACT**

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**EDUCATION**

**Software Engineering-** Ben-Gurion University - 2021-CURRENT

GPA - 84

**PROFESSIONAL**

**SKILLS**

OOP

Java C++

Python SQL

C

Javascript Git

JPA & Hibernate vaadin

**LANGUAGES**

Hebrew & English (Fluent)

Motivated software engineering student with strong problem-solving skills and experience in building and improving systems. Skilled at understanding big systems and coming up with creative ideas. A team player with a passion for learning and achieving results.

# PROJECTS

Supermarket Management System: Developed a scalable, object-oriented system in Java to automate employee management, inventory control, and delivery logistics, utilizing SQL for data management and Git for version control to ensure collaboration and code integrity.

E-commerce Application: Developed an Amazon-like application featuring a Java backend and a Vaadin-based frontend, employing Hibernate and JPA for data management, and deployed on an Amazon AWS server for scalable performance

Developed a multi-threaded Java application simulating the Set card game, utilizing synchronized threads for managing concurrency and Maven for build automation.

Developed a multi-threaded Python client-server application for a trivia game using TCP/UDP sockets, enabling real-time communication between multiple clients and a server.

Developed a C# Kanban board application with a WPF-based graphical interface and SQLite database management, designed with a layered architecture for task management.

# WORK EXPERIENCE

## Oz & Hadar - Scheduling and Operations Supervisor

Responsible for creating work schedules under

2020 - 2025

various constraints and supervising employees to ensure proper operations. Additionally, initiated and developed internal tools and automation projects to improve scheduling efficiency and simplify operational workflows

# MILITARY SERVICE

## Military Fitness Instructor 2016-2018

volunteer (diabetes type 1)

-Completed a professional gym instructor course at Wingate Institute.