Amir Sofer

COMPUTER SCIENCE GRADUATE

Ramat Gan, Israel | 052-4372942 | amirwy25@gmail.com

LinkedIn | GitHub | Portfolio

Profile

Computer Science graduate passionate about backend and full-stack development, combining strong analytical skills with hands on experience in modern web technologies. Proficient in **TypeScript, Node.js, React, Java and C#** with solid foundations in object-oriented design, algorithms, and system architecture.

Hard Skills

Programming Languages: TypeScript, Java, C#, C++, Python

Frameworks & Technologies: Node.js, React, REST APIs, .NET, JavaFX, Tomcat**,** SQLite, Prisma ORM.

Concepts: Full Stack Development, OOP, Data Structures & Algorithms, Software Architecture, API Integration

Big Data & Cloud Tools: AWS, Apache Spark, Hadoop

Tools: GitHub, Visual Studio, VS Code, IntelliJ IDEA, Postman, Docker

Main Projects

GooseChase – Music Discovery App | TypeScript, Node.js, React **| GitHub**

Built a full-stack web application that recommends short music clips based on user preferences.
Developed backend APIs, integrated Spotify and OpenAI services, and managed data flow between server and frontend.
Collaborated in a 3-person team; project placed **3rd at ISW 2025 (IBM Haifa)**.

Shticell - Grid Manager | Java, Tomcat, REST APIs **| GitHub**

Developed a JavaFX data management system with client-server communication.
Implemented file upload, authentication, and permission-based access control using RESTful APIs.
Applied layered architecture and **OOP design** principles to ensure scalability.

Checkers Game | C#, WinForms **| GitHub**

Implemented a two-player checkers game using C# WinForms, separating logic and UI layers.
Practiced event driven programming, input validation, and game flow management.

Education

The Academic College of Tel Aviv-Yafo   **2022 - 2025**

B.Sc – Computer Science

Notable Elective Courses with High Achievement: Object Oriented Programming in C# and the .NET Framework, Java Application Development, Big Data, Computer Communication.

Military Service

Combat Medic - Combat Intelligence Collection Corps, IDF   **2017 - 2020**

Promoted for outstanding service and operational leadership.
Developed strong **discipline, teamwork, and problem solving** in operational environments.

Additional Information

Languages: Hebrew - Native, English – Fluent