

# BRACHA ERENTROY

## Full Stack Developer

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### OBJECTIVE

I am a **tech-savvy, quick learner** known for my intelligence, **strong work ethic**, and commitment to excellence. As a **native English** speaker, I bring enthusiasm, responsibility, motivation, discipline, and a natural aptitude for teamwork to the table. I perform well both independently and as a team member.

### SKILLS

- **Programming Languages:** C# (OOP), JavaScript, HTML, CSS, TypeScript, Python.
- **Web Development:** ASP.NET Core, Node.js (Express), Angular, React.
- **API Development:** ASP.NET Web API, Express.js.
- **Databases:** Microsoft SQL Server (MsSQL), MongoDB, FireBase.
- **Cloud Services:** Microsoft Azure.
- **Version Control:** Git.

### LANGUAGES

- **English**- native.
- **Hebrew**- native.

## PROJECTS

### Airport Simulator project - ASP.NET Core API and MVC

Implemented **real-time communication** with **SignalR**, managed concurrency using **Semaphore** and **C#**, and integrated a **SQL database** for data persistence. [github/AirportSimulatorASP](https://github.com/AirportSimulatorASP)

### User Authentication System - Node.js and React

**Full-stack** web app for seamless login and registration. With **React.js**, **React Router**, and **Axios** on the frontend, and **Node.js with Express.js** and **JWT for secure authentication** on the backend, it offers an efficient and modern solution for user management. [github/UserAuthenticationSystem](https://github.com/UserAuthenticationSystem)

### Pet Shop Web Application – ASP .NET Core MVC

Developed a scalable and **user-friendly** web application, **MVC architecture**, web application design principles, and integrated a **SQL database** for efficient data management. [github/PetShop](https://github.com/PetShop)

### Box Factory Project – C# Advanced Data Structures

**Self-implemented dictionary**, and algorithm design in the Box Factory project using **C#**. [github/DataStructures](https://github.com/DataStructures)

### Library Manager Application - C#, WPF, and SQL database

Feature-rich Library Manager application, **Object-Oriented Programming** (OOP) principles to create a robust and maintainable system. [github/LibraryManager](https://github.com/LibraryManager)

### Dodge Game - C#, UWP development

Designed and developed an engaging Dodge Game, showcasing skills in **game development** and creating an immersive user interface to enhance player experience. [github/DodgeGame](https://github.com/DodgeGame)

## WORK EXPERIENCE

**Merkaz Hakeshev Veharikuz - Sales Consultant** : 2020

**Private English Teacher** : 2018-2020

**Tafnit Bechinuch Lod - Kindergarten Teacher** : 2013-2017

**Kindergarten Teacher - Petach Tikva** : 2012

**Kindergarten Teacher – Jerusalem** : 2011

**CityBook Services - Patent Inc.** : 2010

## EDUCATION

**Sela College – Bnei Brak**

2022-2023: Full Stack Development Course. GPA above 90.

**Beit Rivka Michlala - Kfar Chabad**

2008-2010: B.A. Education, **Excellence Track**.

**Beit Chana High School- Jerusalem**

2004-2007: Bagrut (High School Diploma).