Matthew Tsiplakov
Full Stack Developer

About Me

Motivated **full-stack** developer with about a year of experience developing applications using a variety of frameworks and programming languages including **C#** and **JavaScript**. A self-learner committed to staying updated with emerging technologies. Seeking opportunities to contribute my knowledge and continue honing my skills.

Software Experience (2023)

SupChat

Chat website-collaborative project

In this project, I worked closely with a team of two other developers to build a comprehensive **real-time chat application**. Our approach to **teamwork** was founded on clear communication, shared responsibilities, and **mutual learning**.

- Designed a chat website with a **client-server** architecture.
- Front-end: **React** , **Redux**, **Material UI, Responsive design**.
- Back-end: **RESTful API** server with **Node.js** & **Typescript**, **Express**, **MongoDB**, **Mongoose**.
- Security: **bcrypt**, **JWT**.
- Version control: **Git**, **GitHub**.
- The Communication is done through **http requests** and **Socket.io**.
- Features: **image messages**, **chat with non-friend user**, **private chats and group chats**.

Streaming System (Like Netflix) - <u>Live Website</u>

Streaming Website

In this project, I replicated the Netflix website, creating a fully-functional streaming platform with features mirroring the original site while adding my unique touch.

- Designed a Netflix like streaming website with a **client-server** architecture.
- Front-end: **React**, **Redux**, utilizing **SCSS** for component styling, **Responsive design**.
- Back-end: **RESTful API** server with **Node.js** & **Typescript**, **Express**, **MongoDB**, **Mongoose**.
- Security: **bcrypt**, **JWT**.
- Version control: **Git**, **GitHub**.
- Features: **continue-to-watch list**, **favorites list**, **search-as-you-type**.
- Deployed the website using the **Vercel platform**.

PrintCrypt

Password Manager

- Designed a secure Password managing application using **WPF**, **C#** and **Git version control**.
- Implemented a **custom logic** based on **mouse cursor movement** to generate high-quality random numbers for **enhanced security.**
- Integrated **QR code** generation functionality for convenient and **secure key storage**.
- Developed a **user-friendly** interface for **key generation, management**, and **password hashing** operations.

Education

Jun 2022 – Apr 2023	**Sela Technical College, TechIDF (לוחמים להייטק)** *Certificate in Full Stack Software Development*
Jun 2023 – Oct 2023	**Sela Excellence Track: "Diamond"** *On job extended training*
Sep 2016 – Jul 2019	**Ort Ironi D High School** *Computer Engineering Major*

Details

Address
Modi'in, Israel

in LinkedIn

GitHub

Phone
054-9183955

@ E-mail
mati.tsiplakov@gmail.com

Skills

- **React**
- **Angular**
- **.NET Framework**
- **Node.js**
- **JavaScript, HTML, CSS**
- **TypeScript**
- **C#**
- **Python**
- **MSSQL**
- **MongoDB**
- **Azure**
- **Docker**
- **REST API**
- **Git**

Military Service

Jul 2019 - Jan 2023

Pilot Course + Armored Corps

Tank Commander

- Participated in the **IDF Pilot Course** (6 months) and piloted 10 training flights.
- Served as a **Tank Commander** in the Armored Corps (30 months).

Languages

- **Hebrew** (native)
- **English** (fluent)
- **Russian** (fluent)