

Eiliya Abedianamiri

Full-Stack Web Developer

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Relevant Skills & Tools & Technologies

BE/FE related technologies

TypeScript C# .NET Core React.js HTML5 CSS3 Bootstrap Figma PHP Python

Database related

MySQL MSSQL PostgreSQL Neo4j Redis MongoDB

Others

AWS Docker Windows Azure OOP MVC MVVM Serverless Functions Microservices

Featured Projects

Casino App

Jan 2022 - present

- Modeled a **game loop** for all different Poker games (**Omaha**, **Texas Hold'em**, **Seven-card stud**, and other variants) applying tools such as: **.NET Core**, **EFCore**, **Microsoft SQL Server**, and **SignalR**, resulted in a meticulous core **game engine** capable of **hosting millions of poker games simultaneously**.
- Programmed a high-quality **React Native** front-end application that consumes the back-end API to host poker games, following the **best practices** and leveraging the powers of **SignalR**, **Event-driven Architecture**, **TypeScript**, **Expo**, and **React Native Animations** which resulted in a real-time **cross-platform** smooth **mobile-first** application.
- Cultivated the co-creator of the project about **Web Development** concepts such as: **HTTP Protocol**, **Cookies**, and **JWT Authentication** around the culture of **.NET Core** application development, thus creating a harmonious collaboration with a more software development focused teammate.

I Got a Query

igaq.gay/

github.com/IGAQ/NextApp/

Sep 2022 - Dec 2022

- Architected a **Neo4j** database, built a **REST API** in **NestJs** leveraging **MVC** design pattern (**services**, **repositories**, and **DTOs**), and wrote **unit & integration tests**, resulted in a progressive and **secure codebase** for the back-end.
- Mentored** teammates in acquiring new skills and applying them to the project, resulting in a **positive team-flow** and **balanced contributions**.

Tactical Pigeons

tacticalpigeons/

github.com/iliaamiri/tactical-pigeon

Mar 2022 - Apr 2022

- Spearheaded the project **planning** and implementation by **guiding** teammates core concepts of **front-end** and **back-end** including: **SOLID principles**, **MVC design pattern**, **Web Sockets**, **Event-driven Architecture**, resulted in a orderly structured codebase and workflow.
- Launched an online turn-based multiplayer browser game less than a month using technologies such as **Express.js**, **MySQL**, **In-Memory caching**, **Socket.io**, and **VanillaJS**, that can be played by hundreds of users.

Experience

BCIT Student Association — Peer Tutor (part-time)

Sep 2022 - present

- Tutored **computer science** students and my friends both part-time and **outside of my shift** by **simplifying sophisticated concepts** and making them easier-to-understand for people, causing my peers to be **motivated** and **attentive** towards their studies and **web development**.
- Volunteered** as a **set-rep**, **student respondent**, and program **advocate** in different events, catalyzed the well-being of BCIT Student Association events and programs.

Witcher Payment Tunnel — Lead Web Developer (freelance)

Jun 2019 - present

- Built a dynamic **API** and **Payment Interface** that mirrors other payment services and acts as a third-party payment terminal leveraging the power of **Selenium UI** and **PHP**, resulted in a robust host that serves **clients** with various payment methods.
- Optimized the **performance** of a web application by **caching** the user's **database connection** in their back-end stored Cookie Session, decreased **MySQL's network load** and attracted users by 50%.

BuddyTree — Intermediate Full-Stack Web Dev. (sponsored program)

Jan 2023 - present

- Facilitated the implementation for showing users on map based on their distances by refining user profile related components and auto-filling user's postal code fetched from an external **API** in **Python**, **Flask**, **PostgreSQL**, and **Next.js** front-end, increased the customer satisfaction and user experience by 20%.

ISIX — Software Developer (internship)

Jun 2017 - Sep 2017

- Learned basics of **C#**, **WPF**, **.NET framework**, and **Entity Framework**. Worked with **MSSQL Sever Management Studio**.

Education

BCIT — Full-Stack Web Development (Diploma)

Sep 2021 - May 2023