

Ibrahim Element

Junior Software Developer

My Self

As a recent college graduate specializing in Software Development with two years of professional experience, and many years working on personal projects - I am eager to collaborate with a competent team using modern technologies. I first started coding from a young age of 13, now at 21, I am proficient in several languages - including: C++, C#, Java, NodeJS.

I am passionate about writing organized, beautiful, and performant code that can scale to support thousands of concurrent users. Take a look at my Github Portfolio to see some of the projects I have built!

Experience

Kick Station - Canada, ON

Software Developer / Reverse Engineer

Jan 2018 – 2019

- Created and maintained custom in-house microservices responsible for procuring and processing retail data from North-American suppliers. Provided as a service to thousands of customers.
- Successfully installed Linux/Windows servers and virtualized environments using Kubernetes. Scaled microservices in the cloud using Load Balancers.
- Linking NodeJS (API/Data Processing) and C++ (Multi-threaded worker) I provided the perfect blend of performance and accessibility.

Malay Wallet - Dubai, UAE

Contract Software Developer / Crypto Developer

Jan 2017 – 2018

- Using NodeJS (ES6), Web3, and SQL - I created microservices that could process deposits and withdrawals made using tokens in real-time.
- Through analysis and design, I created a relational database (SQL) that satisfied requirements of several internal systems.
- Worked directly with UI developers to provide API endpoints using NodeJS that provide real-time updates to authenticated users (Websockets).

Portfolio

Full Portfolio Available on Github

Custom Java SaaS

Java, Spring Boot, Bootstrap

- Building a beautiful and responsive SaaS application using Java, Spring Boot, SQL, and Thymeleaf. Digital assets exchange platform with security.

Consumer Desktop App

C#, WPF, XAML

- Building a responsive and functional UI for automating bulk-orders of highly demanded retail products (Clothing, Shoes, Sporting Goods) on Windows.

Dynamic TLS Request Library

C++, OpenSSL, TCP/IP

- Creating my own custom request client that supports both TLS 1.2 and 1.3 using C++ and TCP/IP sockets (WinSock) on Windows. Supports HTTP 1.0 and HTTP 2.0!

Contact

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 github.com/ibrahimelement

Relevant Skills

C# (Intermediate)



NodeJS & DOM (Intermediate)



C++/14 (Intermediate)



React (Beginner)



Java (Intermediate)



System Design (Intermediate)



Education

Software Development (Diploma)

Southern Alberta Institute of Technology:

Graduated: 2020 - August 2022

Computer Science (BSc)

Brock University: Computer Science

Transferred: 2019 - Jan 2020

Interests

Surfing and Working Out

2021, California Beach 🏊

Video Games and Socializing

Apex Legends, Discord