

IMRAN YAFITH

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Profile

- Dedicated third-year Computer Science student with a strong foundation in data structures and algorithms and a keen interest in problem-solving and optimizing code efficiency. Seeking developer internships for Summer 2024.
- Proficient in programming languages such as Python, HTML, JavaScript, TypeScript, C# and C++.
- Experience working with front-end and back-end tools and technologies including React, Node.js, SQL Server, MongoDB and Firebase.

Skills

Languages:

Python, HTML, CSS, JavaScript, TypeScript, C#, C++, SQL

Technologies & Tools:

React, NextJS, Node.js, Express, MongoDB, ASP.NET MVC / Web API / Core, JSON, AWS, NumPy, Pandas, Matplotlib, Firebase, Bootstrap, TailwindCSS

Education

Sheridan College

Present - Apr. 2026

Honours Bachelor of Computer Science (Cloud Computing)

GPA: 3.8/4.0

Relevant Courses: Enterprise Software Systems (ASP.NET Core & C#),
Data Structures and Algorithms (C++), Cloud Infrastructure (AWS & Python),
Database Modelling (SQL), Web Application Design & Impl. (Angular & Java),
Software Design (Agile design and development methods)

Experience

Naryant (Formerly Inovex)

Oct. 2023 - Present

Research Assistant

SUMO, Python

- Employed SUMO (Simulation of Urban Mobility) and OSM (OpenStreetMap) software to simulate traffic flows and obtain relevant data.

Karmy Pain Clinics

Dec. 2022 - Aug. 2023

Research Assistant

Python, OpenCV, MATLAB

- Developed an automated pain diagnostic system using AI in Python and MATLAB to improve patient care.
- Improved efficiency of data collection by **30%** using Data Analysis techniques.

Sheridan College

Sep. 2022 - Aug. 2023

Program Tutor

Python, HTML, CSS, JavaScript

- Guided and trained first-year students to excel in Programming Principles, an introductory Python course.
- Hosted weekly tutorial sessions to teach fundamental concepts of Object Oriented Programming.

Personal Projects

imranyafith.com

Oct. 2023

Portfolio website

NextJS, TypeScript, TailwindCSS, Git

- Personal portfolio website created to showcase my skills, experiences and projects.
- Built using NextJS with TypeScript and TailwindCSS for the frontend.

MERN Bookstore

Dec. 2023

Bookstore app

MongoDB, Express, React (Vite), Node.js

- Node.js, Express and Mongoose was used to create the API that communicates with the database (MongoDB).
- Frontend created using React (Vite) and TailwindCSS. Performs all of the CRUD operations by using Axios to communicate with the endpoints in the backend.

Homebase Automation

Sep. 2023

Shift reminder app for my shifts on the Homebase app

Python, BeautifulSoup4, Playwright, Google API

- Uses Playwright to run the Homebase app on a headless browser and BeautifulSoup4 to parse the HTML data.
- Adds shifts as events into my Google Calendar using the Google Developer API.