

# Dylan Kotzer

Software Developer, IT Specialist, Web Development

## Details

### Phone

416 671 1387

### Email

DylanKotzer@gmail.com

## Links

[Linkedin](#)

[Github](#)

## Skills

Problem Solving

JavaScript

TypeScript

Python

React

Next.JS

Node/Express

Django

MongoDB

PostgreSQL

HTML/CSS

Amazon AWS

Communication Skills

Leadership and Teamwork

Open AI API's

Prompt Engineer

AI Text/Image Generation

Docker

## Profile

Full stack developer with a passion for building RESTful API-based apps, I can tackle any challenge and learn new skills quickly. Using the MERN, T3 and Django stacks, I have built over 10 web applications that are dynamic and scalable. With a solid IT foundation and teaching experience, I can solve problems effectively and quickly. I am also fascinated by emerging AI technologies like OpenAI APIs and stable diffusion, and I enjoy experimenting with them in my projects. My goal is to find a role that will expose me to diverse and cutting-edge projects that will help me hone my abilities as a developer.

## Projects

### DylanGPT

- AI generated choose your own adventure game. Users can have an AI dynamically produce human-like descriptions of characters and adventures based on custom inputs. My team and I used GPT-3 to generate character stories and choose-your-own-adventure options. We also used Disco Diffusion to generate all the class images and setting backgrounds.
- Built with: React, Node, JavaScript, MongoDB, OpenAI GPT-3, Disco Diffusion.
- Links: [Deployed Version](#), [Github](#)

### AI Adventure

- AI generated choose your own adventure game. Users can have an AI dynamically produce human-like descriptions of characters and adventures based on custom inputs. My team and I used GPT-3 to generate character stories and choose-your-own-adventure options. We also used Disco Diffusion to generate all the class images and setting backgrounds.
- Built with: React, Node, JavaScript, MongoDB, OpenAI GPT-3, Disco Diffusion.
- Links: [Deployed Version](#), [Github](#)

### DCrypto

- Crypto trading app that allows you to trade crypto in real time with practice money via API calls to the kraken exchange for real-time price updates.
- Built with: Node, Vanilla JavaScript, MongoDB, Cryptocurrency eXchange API
- Links: [Deployed Version](#), [Github](#)

### 3D World


- 3D Model Sharing and viewing website. It uses AWS S3 buckets to store/serve the models, and Google model viewer API to view and interact with the models, including AR mode.
- Built with: Python, Django, JavaScript, AWS, Model Viewer API
- Links: [Deployed Version](#) \*works best on chrome, [Github](#)

### Coffee Bot

- Hackathon Winner for Best Discord Bot at [GryphHacks 2022](#).
- Built with: JavaScript, Node, Discord.js, Discord
- Links: [Github](#), [Devpost](#)

## Employment History

### Software Engineering Instructional Associate, General Assembly

Aug 2022 — Jan 2023  Toronto


- Hired at General Assembly as a Instructional Associate after completing their software engineering immersive boot camp
- Full stack web development
- Teaching/Training

### Web Developer, Dr. Anne Hussain, ND

Jun 2015 — Present  Toronto

- Full stack web development, deployed via AWS
- Optimized SOPs
- Facilitated transition to virtual care
- Manage e-mail marketing campaigns


### IT Head, Samko and Miko Toy Warehouse

Apr 2007 — Apr 2020  Richmond Hill

- Managed cloud and local infrastructure
- Facilitated transition to online shopping
- Solutions Architect
- Maintained and updated website back-end
- Worked to ensure a positive and hassle-free customer experience.

## Education

### General Assembly, Software Engineering Immersive Certificate

Jan 2022 — May 2022  Toronto, Ontario

### McMaster University, BA in Philosophy

Sep 2006 — Apr 2010  Hamilton