

# Paul Ly

FRONT END DEVELOPER

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To apply my proficiency in graphic design and full stack technologies such as MERN to ensure cyber-security and reliability while also working in a driven environment that promotes personal and professional growth.

## Skills

<b>Languages</b>	JavaScript, C#, C++, HTML, CSS
<b>Frameworks</b>	React, Node.js, Express.js, Tailwind CSS, Chakra UI
<b>Database</b>	Mongo, MySQL, SQL Server, Sanity
<b>Tools</b>	Adobe Creative Suite, Postman
<b>Competencies</b>	Object-Oriented Principles, Technical verbal and written communication, Algorithm, Graphic Design

## Experience

### Quality Assurance Tester

Remote

DAQA

May 2022 - Current

- Communicated with lead development team to ensure proper completion and correct execution of In-house QA Training Modules.
- Collectively identified bugs with a small team.
- Wrote and submitted bug reports with clear instructions on how to reproduce them.

### Freelance Developer

Remote

UNAFFILIATED

July 2021 - Current

- Developed a front-end website for clients following their specifications.
- Designed UI/UX using Adobe XD.
- Worked collaboratively with client to address client's dynamic requirements and concerns.

## Projects

### OnlyFantasia

FULL-STACK SOCIAL MEDIA APPLICATION WHERE USERS CAN UPLOAD AND SHARE THEIR PHOTOS

- Used Sanity as relational database to store contents, and users
- Used Tailwind CSS to style page
- Implemented users' account creation and login by using Google Sign-in API

### ContactKeeper

FULL-STACK APPLICATION THAT SERVES AS AN ALTERNATIVE OUTLET FOR USERS TO STORE THEIR CONTACTS

- Arranges different routers for HTTP methods (e.g GET, POST, PUT, etc.) when using Node.js and Express.js to send and receive requests from servers and clients
- Automatically stores user information onto Mongo database with built-in encryption, using a custom Express back-end API that uses JSON Web token for authentication and security

### Advice Generator

FRONT-END WEB APPLICATION THAT DISPLAYS AN ADVICE GIVEN BY ADVICE SLIP API

- Used Chakra UI to style the application while adhering strict design guideline
- Utilized fetch method to obtain the data needed to display the advice

## Education

### Humber College

Etobicoke, Ontario

ADVANCED DIPLOMA IN GAME PROGRAMMING

September 2018

- Coordinated with teammates to create new audio and import it into our game project
- Led a development team in creating a multiplayer shooter with Unity3D and C#, complete with a custom UI using Adobe Photoshop
- Used OpenGL and C++ to develop a custom game engine with multiplayer features and optimal 2D rendering algorithms
- Created a custom interface for the game using Adobe Photoshop