

GIANG NGUYEN

Toronto, ON Canada

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SUMMARY

A versatile Software Developer with great communication skills and a hard-working mentality who is eager to learn new technologies. My experience in the web development field helps me contribute to successful innovative projects.

TECHNICAL SKILLS

- **Backend**
NodeJS / Laravel / PHP / ASP.NET / C# /
Python / Spring Boot / Java
- **Frontend**
JavaScript / jQuery / ReactJS / HTML / CSS /
SCSS / Bootstrap / AJAX
- **Others Tools and Technologies**
Agile development / Scrum / Software Development Life Cycle / Object-Oriented Programming /
Jira / Slack / Android Development / Redux / Restful API Development / Serverless Function
Lambda / S3 storage / DynamoDB / JestJS / Laravel Dusk / Selenium
- **Database Management Systems**
MSSQL Server / MySQL / MongoDB
- **Version Control**
Git / GitHub / GitLab
- **Cloud Platforms**
Azure / AWS / Heroku

PROFESSIONAL EXPERIENCE

Junior Web Developer - St. Michael's Hospital

January 2020 – August 2021

Project: Student Registration System

- **Description:** A web application that simplifies the registration process of Unity Health Toronto for students with a new notification email system and an internal administration application which helps manage student records and provide real-time communications
- **Technologies:** HTML, CSS, jQuery, Babel, Bootstrap, Laravel 6x, MSSQL Server, GitLab
- **Responsibilities**
 - Contributed to major functionalities on back-end such as saving, exporting data, and notification
 - Conducted research and applied multiple plug-ins to accelerate the projects
 - Discussed with the Product Owner and Scrum Master how to overcome specific difficulties of the project

Project: AFIB Forms

- **Description:** A mobile-oriented application survey designed for iPad devices to allow physicians to record and export patient information through a set of surveys upon entrance to the hospital
- **Technologies:** HTML, CSS, jQuery, Bootstrap, Laravel 7x, MSSQL Server, GitLab
- **Responsibilities**
 - Defined coding convention, set up the project including remote repo, remote database, and environment file

- Implemented major sections of the application including data saving, server response, mailing function, export and send the report to physicians
- Communicated with the Product Owner and other stakeholders regarding the project
- Reviewed, tested, and provided feedback on other team member's code

PERSONAL PROJECTS

Brew4You Coffee

April 2021 – December 2021

- **Description:** A web application for a coffee shop that allows end-users to create and customize personal profiles, and order coffee products via the internet. The application also includes an admin portal that helps the shop owner to track orders, add/edit products, as well as displays visualized charts of shop data for analytical purposes
- **Technologies:** HTML, SCSS, ReactJS, ExpressJS, Redux, MongoDB, Stripe, SendGrid, Jest
- **Responsibilities**
 - Documented the application ideas and tasks into the technical report
 - Designed and contributed to major application functionalities
 - Scheduled meetings and managed communication among team members
 - Assured team members' work process and tested compatibility and responsiveness of the application on mobiles devices

Toronto Bicycle Theft Analyst

November 2021 – December 2021

- **Description:** A model using logistic regression and decision trees that consumes the data from the Toronto Police department to predict the possibility of recovering stolen bikes. The model is exported as an API and can be used via HTTP/REST
- **Technologies:** Panda, Numpy, Matplotlib, sklearn, seaborn, joblib, Flask, Python
- **Responsibilities**
 - Scheduled and organized communication among the team members
 - Discovered and collected the raw data source
 - Cleaned, filled, and normalized the dataset
 - Exported the model into API application

Movie Share

December 2021

- **Description:** An online forum where users can share their favorite movies with people who have the same interest. Users can create, share, and comment on their opinion about the movies.
- **Technologies:** S3, DynamoDB, ASP.NET, AWS ECS, Docker, Bootstrap
- **Responsibilities**
 - Configured the AWS services
 - Created backend logic to receive, transfer, and save data AWS storage services
 - Build RESTful API to send data to consumed clients
 - Containerized the application using Docker and publish to AWS ECS

EDUCATION

Software Engineering Technology - Centennial College

January 2019 – December 2021

Advanced Diploma - Honors