

Troy Quan

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About Me

Full Stack developer seeking job opportunity. I excel in group work and have a strong passion for programming, seeking to make meaningful contributions to larger-scale projects.

Skills

- Development Language: Java, C#(.net), PHP, Python
- Front End: HTML, CSS, JavaScript, React.js, Vue.js, jQuery, Element UI, Ant Design, Bootstrap, AJAX, Tailwind
- Web & Databases: Restful API, MySQL, AWS(S3, EC2), Azure, JPA, Redis, MyBatis Plus, JPA, Thymeleaf, PHP Admin, XAMPP **Frameworks:** Springboot, Spring MVC, Spring Security, Flask
- **Tools:** Github, Gitlab, VS code, IntelliJ, draw.io, SSH, Docker, VM
- **Testing** and Documentation: Postman, JUnit, Mockito, Swagger2

Projects

Code Secure

August, 2023 - Present

- Integrated with **react**, **Node.js**, and **MySQL** as database.
- Using **Azure ad b2c** as authentication and paypal **react** components as **micro-service**.
- Collaborated with a cross-functional team to manage version control using **Git** and implemented **CI/CD** pipelines with **Azure DevOps** to automate code deployment to **Azure Repos**.

Foodie sky

July, 2023 - August, 2023

- Integrated with **react** and java **springboot**.
- Using **Antd** and **Tailwind** as frontend library for efficient developing. Generate visualized data info by **Echart**.
- 2 frontend apps. One for admin console. One for customer console. Storing dish list into **Redis** for caching.
- Payment supported by stripe component from **react** and stripe JDK from **java springboot**.
- Containerize the services by **Docker** and using **docker-compose** to deploy on **AWS EC2**.
- Source code: <https://github.com/troyquan/foodie-sky>

Employment Management(Java and Vue)

March, 2023 - April, 2023

- A front-end and back-end separated project that generated API documentation by **Swagger**.
- Used: **vue.js** and **Springboot**, **Spring Security**, **MVC** model, **RESTful API**, MyBatis Plus, Element UI library, Swagger.
- Using Spring Security to assign authorities to different users and caching the authorities in **Redis** for efficient retrieval.
- and management. Trying to work with **AOP** to add logs once user logged in or made changes.
- Source code: <https://github.com/troyquan/permissionProject>

Order System

March, 2023 - April, 2023

- Created CRUD operations on Property model and the views using PHP Uses sign-up/login/logout feature, password encryption, input validation.
- Source code: <https://gitlab.com/quantroy/MissionEats>

Employee Management(Thymeleaf)

February, 2023 - March, 2023

- Created CRUD operations on Employee model by **JPA** and the views using **springboot** and **thymeleaf** Adding vague search function to search all elements of the employees.
- Source code: <https://github.com/troyquan/employeeManagement>

Experiences

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Full Stack Developer Internship

August, 2023 - Present

- Using **Agile** methodology involves creating a product backlog, breaking down tasks into user stories, creating sprints, tracking tasks with **Jira**, conducting daily **Scrum** meetings, and conducting **sprint** reviews every two weeks.
- Developing robust, encompassing both front-end and back-end development, to deliver exceptional user experiences and functionality.

Educations

AEC In Full Stack Development, John Abbott College

September, 2022 - Present

- The 1,305-hour intensive program offers hands-on training in various development stacks.
- Named on the Dean's list for Academic Excellence.

DEP In Computer Support, Lester B. Pearson School Board

June, 2016 - November, 2017

- A 1800 hour program with fundamental computer technologies including html,css, server creating and maintaining., network set-up, and visual basic.