





# JO, KWAN YONG (DAMON)

FULL STACK DEVELOPER

## ABOUT ME

What sets me apart as a Full Stack Web Developer is my holistic approach to projects. I thrive on taking a concept from inception to completion, ensuring that every aspect of the development process is meticulously executed. Whether it's creating captivating user interfaces, building scalable back-end systems, or optimizing performance, I strive for excellence in every line of code.

 (+1) 778-554-0917  
 kwanyongjo7@gmail.com  
 Coquitlam BC  
 [linkedin.com/in/damonjo](https://www.linkedin.com/in/damonjo)  
 [github.com/Damon-Jo](https://github.com/Damon-Jo)

## SKILLS

- **Language**  
JavaScript, HTML/CSS, Python, Java
- **Database**  
MongoDB, PostgreSQL, Kairos DB
- **Tools/Frameworks**  
React, Next.js, Node.js, Redux, Express.js, Git
- **CI/CD**  
Heroku

## EDUCATION

### DIPLOMA IN COMPUTER SYSTEMS TECHNOLOGY

[BCIT](#) (BC, Canada) 01/2021 - 01/2023  
-Predictive Analytics Option-  
Learned machine learning/modeling techniques to predict binary, probability, ordinal and categorical outcomes.

### BACHELOR OF SCIENCE IN CHEMISTRY

[Hankook University of Foreign Studies](#)  
(Seoul, South Korea) 03/2007 - 08/2014

## EMPLOYMENT

### FULL STACK DEVELOPER

[Sisa Energy](#) (BC, Canada)

12/2022 - Current

- Developed a streamlined and secure client login in the platform for the auditing process by implementing the **OAuth2 authentication** flow using Microsoft MSAL.
- Gathered customer requirements, designed, and deployed **responsive** and **high-performing web applications** based on design mockups and prototypes using React, Tailwind, and Flask, achieving a 97% user satisfaction rate and improving workflow efficiency by 50%.
- Reduced response time of the platform by approximately 30% through the consolidation of queries utilizing **JSON aggregation**.
- Built a portal/dashboard with custom widgets displaying relevant data using charts, statistics, tables for client with using **React, Redux**.

### BACKEND DEVELOPER

[Agartee](#) (BC, Canada)

05/2022 - 12/2022

- Developed a highly scalable healthcare web application for managing patients' health data using **Python** and **Kairos DB**.
- Designed and implemented a system for archiving and aggregating data from healthcare devices' databases, employing **data processing techniques** such as indexing to optimize performance, minimize data loss, and ensure efficient retrieval of critical information.
- Improved data processing efficiency and reliability by leveraging a third-party RESTful API for seamless retrieval and processing of raw data, resulting in faster processing times.
- Enhanced and debugged existing functionality and built reusable application components.

### ASSISTANT MANAGER IN QUALITY ASSURANCE

[UIL](#) (Paju-si, South Korea)

06/2014 - 07/2019

- Supervised and coached 20 quality control inspectors to ensure adherence to the client's inspection guide while maintaining a friendly and open working relationship.
- Investigated non-conformance problems to identify root causes and successfully reduced reported issues from various stakeholders while adhering to strict timelines.

## PROJECTS

### DATA COLLECTION APP

Sponsored By Sisa Energy

09/2022 - 12/2022

- Designed and implemented a custom dashboard with **OCR image recognition** to auto-fill fields in forms, improving data collection efficiency for over 100 client-based input data points.
- Efficiently managed state in a complex project by utilizing **Redux**, resulting in intuitive data flow and enhanced user experience.
- Implemented **React Router** to enable seamless navigation and dynamically render content in a single-page application.

### LET'S PACK

Web App

05/2021 - 06/2021

- Developed a web application to help users avoid bringing duplicate items and streamline their packing process.
- Accomplished an authentication middleware with **Passport.js** to secure user accounts and protect sensitive data through password hashing and session encryption.
- Led daily scrum stand-ups and weekly scrum meetings as the Scrum Master to track project progress and utilize **Agile development methodologies**.