

# Doyup (Daniel) Kim

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## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML/CSS, MySQL, C, Java, Racket

**Frameworks/Libraries:** React, React Native, Supabase, Bootstrap

**Developer Tools:** Git, VS Code, Visual Studio, PyCharm, Eclipse

## EXPERIENCE

### Full Stack Software Developer

Mar. 2024 – Present

*PillThought*

*Waterloo, Ontario*

- Developed cross-platform mobile applications using React Native, enhancing user engagement with intuitive UI/UX design.
- Implemented real-time database updates and user authentication flows with Supabase, providing seamless user experiences.

### ICT Assistant

May 2021 – Feb. 2022

*North Vancouver School District*

*North Vancouver, British Columbia*

- Developed and launched a high-traffic COVID-19 health assessment website, serving thousands daily, using JavaScript, CSS, and HTML
- Collaborated with software engineers to drive project success
- Shadowed IT Technicians, resolving hardware/software issues across multiple schools

## PROJECTS

### Personal Portfolio Website | *React, Bootstrap, HTML, CSS, JavaScript, Git*

- Developed a personal portfolio website using React.js, JavaScript, CSS, Bootstrap, and HTML.
- Designed with a clean and intuitive interface for optimal user experience.
- Showcased projects, skills, and experiences in a visually appealing manner.
- Implemented features to facilitate easy navigation and accessibility.

### Menu-AI | *React, CSS, JavaScript, Git*

- Created Menu-AI, a voice-controlled menu application using React and Alan AI for voice recognition
- Implemented functionality for users to perform actions such as adding items to cart, deleting items from cart, clearing cart, displaying the menu and more, by only using your voice
- Integrated Alan AI to recognize and process voice commands, providing an intuitive and hands-free user experience
- Ensured robustness and accuracy in voice recognition and command execution for enhanced usability

## EDUCATION

### University of Waterloo

*Mathematics, Honours*

Waterloo, Ontario

*Sept. 2022 – Sept. 2027*

### Handsworth Secondary School

North Vancouver, British Columbia

*Sept. 2017 – June 2022*

## RELEVANT COURSEWORK

- |                             |   |   |                                 |
|-----------------------------|---|---|---------------------------------|
| • Data Types and Structures | • Algorithm Design and Data Abstraction | • Tools and Techniques for Software Development | • Designing Functional Programs |
|-----------------------------|---|---|---------------------------------|

## LEADERSHIP / EXTRACURRICULAR

### Math Club President

Oct. 2021 – June 2022

*Handsworth Secondary School*

- Built up a math club became co-president of the club with over 100 members.
- Managed and taught all grades from grade 8 through 12.
- Hosted tutoring sessions where students could get help with their homework and studies.
- Hosted math competitions, such as a speed math contest, with prizes.