

Doyup (Daniel) Kim

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TECHNICAL SKILLS

Languages: Python, JavaScript, Node.js, HTML/CSS, MySQL, C, Java
Frameworks/Libraries: React, React Native, Bootstrap
Developer Tools: Git, VS Code, Expo, Supabase, Visual Studio, PyCharm, Eclipse

EXPERIENCE

Full Stack Software Developer - PillThought

Mar. 2024 – Present

React, React Native, Expo, Supabase, SQL, Git

Waterloo, Ontario

- Contributed to the development of **cross-platform mobile applications** for pharmaceutical companies, enhancing student interaction as one of the first full-stack engineers at the startup.
- Engineered mobile solutions using **React Native** and **Expo** enhancing system performance and interface fluidity.
- Implemented advanced **SQL** queries on **Supabase** to streamline user authentication and data storage operations.
- Accelerated feature deployment cycles by integrating **CI/CD** pipelines via **Git** for streamlined code management.

ICT Assistant - North Vancouver School District

May 2021 – Feb. 2022

React, JavaScript HTML, CSS, Git

North Vancouver, British Columbia

- Developed a high-traffic COVID-19 assessment platform with **React**, utilizing **hooks** and **state** management for enhanced responsiveness and cross-device compatibility.
- Deployed as the official COVID-19 health assessment tool for the district, serving **thousands** of daily users and enhancing community safety measures.
- Shadowed IT Technicians, resolving hardware/software issues across multiple schools

PROJECTS

Carrot Market | *React Native, Expo, CSS, JavaScript, Node.js, Git*

- Engineered a **React Native** app with **Expo**, creating a Facebook Marketplace-like platform.
- Developed full-stack features like user authentication, item listings, and profile management using **Node.js** and **React Native libraries**, integrating robust form validation to enhance data integrity.
- Improved UX with dynamic **Lottie** animations for feedback and interactive visual elements.

Menu-AI | *React, Alan AI, Git*

- Developed a voice-controlled menu application using **React** and **Alan AI** for robust voice recognition capabilities.
- Leveraged Alan AI for **voice recognition**, enabling intuitive, hands-free interactions like managing cart items and menu navigation within the application.
- Optimized voice recognition algorithms for precise command processing and improved usability.

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

- Developed a portfolio website utilizing **React** and **Bootstrap** for responsive design and seamless user interaction.
- Engineered a dynamic user interface with modular **React components**, optimizing navigation efficiency and structured content management.
- Utilized IONOS for **web hosting** to ensure reliable uptime and optimal performance.

EDUCATION

University of Waterloo

Waterloo, Ontario

Computational Mathematics, Computing Minor

Sept. 2022 – Sept. 2027

Clubs: UW CS Club, Data Science Club

Courses: Data Types and Structures, Algorithm Design and Data Abstraction, Tools and Techniques for Software Development, Designing Functional Programs