

# Jordan Kok

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## EDUCATION

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### University of Waterloo

Bachelor's of Software Engineering

Aug. 2023 – Present

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, Go, C/C++, C#, SQL, HTML, CSS

**Technologies:** React, React Native, Node.js, MongoDB, Firebase, FastAPI, Express, Redux, Jenkins, Docker

## EXPERIENCE

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### Mobile Developer

May 2024 - Aug 2024

Dandelion Networks

Toronto

- Implemented authentication, push notifications, auto-lock timers using **React Native, TypeScript & Redux**
- Optimized wallet import feature, reducing required backend calls by **70%** to significantly improve performance
- Encrypted contact backups with a proprietary algorithm, improving security in Dandelion's **Web3** environment
- Developed a request expiration feature, implementing frontend checks and backend validation using **GoLang** to prevent the acceptance of expired token requests, wrote and integrated tests into the **Jenkins CI/CD** pipeline

### Project Developer

May 2024 - Present

UW Blueprint (Non-profit)

Waterloo

- Built a bilingual portal to streamline the donation process for over **200** donors using **React** and **Typescript**
- Leveraged **Prisma ORM** to efficiently manage donations, user profiles, and impact tracking data
- Created responsive navbar and table components with **Chakra UI** to enhance the user experience across devices
- Containerized the web app using **Docker** to create uniform development environments for consistent deployment

### TikTok

Dec 2022 - Present

Content Creator

- Built a personal following of **26.5K+** followers and amassed **3.7M+** likes by creating compelling content, with over 40 videos reaching **100K+** views, demonstrating strong audience engagement and content strategy

### Software Developer

April 2021 - July 2021

Speer Education

Singapore

- Collaborated with a cross-functional team to develop a networking app with dynamic post feeds, user connections, and profile management with **CRUD operations** to connect **200+** high-school students with college mentors
- Achieved **real-time** messaging using Firebase snapshot listeners for over **150** conversations, enabling users to exchange text, files, and images instantly, with immediate message updates and notifications
- Established a responsive frontend with **React, JavaScript, and Tailwind CSS**; and a backend using **Node.js**

### Software Developer

Jan 2021 - April 2021

Yamada Holdings

Malaysia

- Authored **Python** scripts and a graphical user interface using **Tkinter** for non-technical employees to transform WhatsApp order messages into formatted CSV files for seamless integration into Microsoft Excel
- Reduced time spent on manual data-entry by **50%**, saving approximately **25 hours** of employee time across **300 orders** per month by automatically flagging potential order errors using a Fuzzy matching algorithm

### Military Service

July 2021 - June 2023

Singapore Army

Singapore

- Worked as a combat transport operator, promoted to Corporal, and appointed In Command to **manage a platoon of 25 men**. Trained in overseas exercises with the United States Marines Corps, and Australian Defense Force

## PROJECTS

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**Ouffix.com**  | *MongoDB, Express, React, Node.js, TypeScript*

- Constructed a responsive web application with React and JavaScript/TypeScript that assists users in organizing their closets, managing their favorite outfits, and generating great outfit suggestions to enhance their style
- Engineered **REST APIs** for CRUD functionality on the backend with MongoDB and Node.js, and increased outfit generation speeds by **60%** with a **recommendation algorithm** based on color theory and **assisted by AI**