

JAEYOUNG KIM

CONTACT

✉ j.jaeykim@gmail.com

📁 portfolio

☎ 6479094405

📍 Toronto, ON

in jjykim

🐙 jaeykimmy

EDUCATION

Lighthouse Jan. 2022 to
Labs Apr. 2022
Diploma - Web Development

McMaster Sept. 2014 to
University Apr. 2018
Bachelors of Medical Radiation
Sciences

SKILLS

LANGUAGES: TypeScript, JS,
Node.js, Java, Python, HTML, CSS

FRAMEWORKS & LIBRARIES:

React.js, Redux, Express, Jest

SYSTEMS, CMS & DATABASES:

SQL, Git, Postgres, Firebase

EMPLOYMENT

MedEssist Toronto
Software Engineer Jan. 2023 to Current

- Decreased app memory usage by **30-40%** and shortening **time to interactive** by implementing lazy loading from scratch
- Led integrations of a **two factor authentication system**, setting up **REST API** endpoints and ensuring secure authentication using password encryption through **Firestore Authentication Password Hashing**
- Acted as **Co-op Manager**, providing mentorship by formulating growth plans through weekly 1-1s and hosting pair programming sessions
- Increased unit test coverage of legacy shipping code areas by **53%**, reducing bugs and improving developer productivity by reducing PR lag time
- Yielded a notable decrease in **error rate** and significant reduction in **state update frequency** by introducing **Redux** as a global state management solution
- Performed various **Front End on-call** rotations, smoke testing and deploying releases daily, and swiftly triaging and resolving developer-blocking CI/CD issues as they arise.

PROJECTS

React Pokemon Card Prices and Gallery May 2022 to Current

-> Real-time tracking Pokemon Card **application** using an API with links to purchase, check, or compare prices through TCGplayer

- Front-end written in **TypeScript** using **React**, **Axios** calls are made to PokeAPI and **Pokemon Card API**
- API key** used with **Pokemon Card API** for scalability, allowing for up to 20k calls a day
- Postgres** used as database to store user's favourite cards and collection to get information about their collection worth

Mentor Me Mar. 2022

-> Mentorship application developed in a group setting where eager developers can seek help from experienced developers for coding questions or to build their network

- Front-end written in **Javascript** using **React**
- Scheduling created using backend calls in **Javascript** to a **Postgres** database

AWARDS

Hack the 6ix Hackathon · Aug.
Best Blockchain Project Using Hedera 2022

- Created an NFT minter on a new **blockchain** technology in a pair programming setting over the course of a weekend
- Encrypted **Node.js** calls made to **IPFS** for secure retrieval of **NFT** images
- Back-end functions created in **Javascript** using **Node.js** using **Hedera's** developer tools