

# Joey Chik

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## Skills

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Kotlin, Objective-C, Typescript/Javascript, Java, Spring Boot, Android, iOS, HTML/CSS, React.js, React Native, SQL, GraphQL, C/C++, Git

## Work Experience

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### FutureVault

Toronto, ON

SOFTWARE DEVELOPER

Sept. 2023

- Proposed and implemented a system for the creation and provisioning of sets of bookmarks tailored for specific user groups using React.js, Spring Boot, and MongoDB, optimizing user workflows and information access.
- Spearheaded the design and deployment of a favicon scraper, enhancing the visual representation of the in-app bookmarks tab.
- Created a drag and drop form UI in React.js for bookmark template creation.

### Radar

New York, NY

SOFTWARE ENGINEER

Jan. 2023 - Apr. 2023

- Led mobile SDK work in Android, iOS, and React Native for tracking conversions, clearly demonstrating return on investment for customers while providing important leverage for renegotiating partnerships.
- Spearheaded project to add hours of operation to geofences, designing intuitive frontend components and introducing robust modifications to critical business logic.
- Created developer productivity tools for an internal React Native testing app to coordinate complex builds involving several codebases, reducing iteration time by 80%.

### theScore

Toronto, ON

ANDROID MOBILE DEVELOPER

Jan. 2022 - Apr. 2022

- Redesigned app widget to address user feedback and maintain functionality across different device types.
- Constructed queries for GraphQL as part of a transition away from REST, adding support for live updates with subscriptions.
- Worked with product team to implement and coordinate UI changes across Android and iOS platforms.
- Maintained low technical debt by writing thorough unit tests.

### Ford Motor Company

Waterloo, ON

ANDROID INFOTAINMENT PROJECTION SOFTWARE DEVELOPER

May 2021 - Aug. 2021

- Developed Apple CarPlay application for Android Automotive OS in-vehicle infotainment system.
- Implemented media playback for iPhone over wireless CarPlay, as well as exposing media control API using standard Android MediaBrowserService interface.
- Designed responsive landing page for Apple CarPlay app.

### BlackBerry

Waterloo, ON

ANDROID SOFTWARE DEVELOPMENT INTERN

Jan. 2020 - Apr. 2020

- Implemented MS Exchange functionality in Blackberry Hub Inbox, Services, Calendar, Contacts, Notes, and Tasks apps, each with more than 1 million downloads on Google Play.
- Added security checks for user account creation, improving resilience against brute force password cracking.
- Diagnosed and resolved bugs for improved user experience and security.

## Projects

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### Desktop Chat App

JAVA, SWING

- Real-time local area network-based chat client created with Java.
- Developed messaging protocol to relay information between client and server.

### Chat Webapp

NODE.JS, MONGODB, EXPRESS

- Chat room web app built in Node.js using Express, Mongoose, and Socket.io.

## Education

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### University of Waterloo

Waterloo, ON

BASc IN COMPUTER ENGINEERING

Sept. 2019 - Present