

# XXXXXX XXXX

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## SKILLS

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**Languages:** TypeScript, JavaScript (ES6+), C#, Java, C, Python, HTML, CSS  
**Frameworks and Libraries:** React, Redux, Next.js, Angular, Express, Node.js, ASP.NET Core, Spring Boot  
**Tools and Technologies:** Git, MongoDB, MySQL, PostgreSQL, Heroku

## PROJECTS

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XXXXXX XXX XX  Apr 2021 – May 2021

- Technologies: **C#, TypeScript, ASP.NET Core, Angular, Angular Material, PostgreSQL**
- Designed a mobile-friendly audio player using **Angular Material** to play remote YouTube playlists and songs
- Developed a **GraphQL API** to manage playlists and secured endpoints using ASP.NET Core Identity
- Mapped many-to-many relationships with **Entity Framework Core** connected to a **PostgreSQL** database

XXXXXXXX XXXX  Mar 2021 – Apr 2021

- Technologies: **Java, TypeScript, Spring Boot, Angular, Bootstrap, MySQL**
- Created a real-time chat using **Spring WebSocket**, modelling message data using **Spring Data JPA**
- Employed Auth0 to authenticate users and **Spring Security** to validate access tokens on exposed endpoints

XXXXXXXX XX XXXXX  Feb 2021 – Mar 2021

- Technologies: **TypeScript, Next.js (React), Redux Toolkit, Material-UI, Express, Node.js, MongoDB**
- Built a web application with a **RESTful API** to track expenses, transactions, and user account information
- Developed a material design interface with **Next.js** and Material-UI, employing **Redux** to manage state
- Implemented user authorization using PassportJS and stateless authentication with JSON Web Tokens

XXXXXXXXXXXX XXXXXXXX  Jan 2021 – Feb 2021

- Technologies: **JavaScript, React, Bootstrap, Express, Node.js**
- Created a responsive website to manage MyAnimeList accounts by leveraging **OAuth** and HttpOnly cookies
- Modelled a search engine using the Jikan API to scrape search results and **React Router** for dynamic routing

XXXX XXXXXXXX  Jan 2021

- Technologies: **Python, Flask, Bootstrap**
- Spearheaded the usage of **Git** on a four-member team to increase throughput by 20% for XXXXX 2021
- Connected OpenCV webcam footage to a mask detection model, displaying results using Jinja templates

## EXPERIENCE

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City of xxxxxxxx xxxxxxx, xx  
*Assistant Badminton Coach* Apr 2018 – Jun 2018

- Assisted in running drills and instructing 30+ children from ages 8- to 14-years old over two-hour sessions
- Increased students' overall game scores by 20% and win-rate by 10% over the course of three months

## EDUCATION

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University of Waterloo Sep 2020 – Present  
*Candidate for Bachelor of Computer Science*

- Term Distinction, Fall 2020 & Spring 2021 (3.96 GPA, 94.40% CAV)