

# AUSTIN CHANHSAVANG

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## SKILLS

**Languages:** Python, Java, JavaScript, Node, HTML, CSS, SQL, Unix, Linux, Express

**Frameworks:** React, Flask, Bootstrap, Tailwind, SharePoint Framework, Socket.io

**Developer Tools:** Git, PostgreSQL, Docker, Azure DevOps, SharePoint, Power Automate, Power Apps, Power Platform

**Knowledge:** Software Development Lifecycle, Agile, Scrum

## WORK EXPERIENCE

### SOFTWARE DEVELOPER

May 2021 – August 2022

Ontario Ministry of Children, Community and Social Services

Toronto, ON

- Developed a customized **SharePoint** site using **SharePoint Framework (SPFx)**, and **React** ensuring compliance with **Web Content Accessibility Guideline (WCAG)**, enhancing site usability
- Modernized team tracking ticket system using **Power Automate**, **MS Forms** and **SharePoint**, substantially reducing task assignment and data input time by **over 100%**
- Selected as a speaker to **300+** coworkers, delivering insights on daily client engagement and website creation, highlighting effective communication and project development abilities

## PROJECTS

### CALL SIGNS GAME

March 2024 – Present

- Developed **API** with **Express**, to generate a random word, and apply **natural language processing** techniques with **regex** to process user input
- Designed **frontend** Game page layout using **Shadcn**, **Tailwind** and **React** - created a vertical carousel for each Game phase, with a slider indicating current phase
- Implemented scoring system, sending data to **backend server** to process, and signaling to all **sockets** in Game to render in scoreboard **frontend** component

*React, JavaScript, Tailwind, Express, Socket.io, HTML, CSS*

### BOOK REVIEW WEBSITE

December 2019 - January 2020

[bookreviews-app.fly.dev](https://bookreviews-app.fly.dev)

- Handled login, logout and session interactions with a **relational (SQL) database** using **Python (Flask) for backend logic**
- Utilized Openlibrary **API** to obtain book data that users could search, comment and rate on
- Stored all comments and ratings by users in **database** - displays all user comments and ratings on account page using **SQL** statements, with join and like

*Python, Flask, HTML, CSS, PostgreSQL*

## EDUCATION

### TORONTO METROPOLITAN UNIVERSITY

September 2018 – April 2023

(formerly known as Ryerson University)

Toronto, ON

Bachelor of Computer Science

GPA: 3.48