

## Skills

---

**Languages:** JavaScript, Java, SQL, familiar with Python, C#, C, MySQL

**Tools/Libraries:** React, Git, AWS, MongoDB, Node, Jira, Confluence, REST, jQuery, Express, Insomnia

**Other skills:** Agile, SDLC, SCRUM, Unity, Microsoft Office, Cameo Systems Modeler, OracleVM

## Work Experience

---

**Intellectra AI – Intern**

**May 2025 – Present, Toronto, ON**

### Freelance – Web Development

**Feb 2024 – Present, Toronto, ON**

- Collaborated closely with design team to translate wireframes and mockups into interactive and engaging web experiences, ensuring consistency with brand guidelines
- Developed user-friendly and visually appealing web pages using Next.js and React, ensuring seamless user experiences across devices
- Conducted thorough testing and debugging to identify and resolve compatibility issues across different browsers and devices, ensuring a consistent experience for all users.

## Projects

---

### Medical Competency Evaluation using AR Unity, C#, Mixed Reality Toolkit

- Developed a Unity-based AR application using C# and Microsoft MRTK for Microsoft HoloLens 2 to enable real-time, remote supervision and guidance for junior surgeons, enhancing surgical training through live annotations, two-way audiovisual communication, and interactive 3D visualization.
- Implemented features for topographical data capture, annotation, and session recording, allowing for reflective learning and improving the assessment of surgical competencies in compliance with competency-based medical education (CBME) standards.
- Optimized real-time data streaming between HoloLens 2 and remote devices, ensuring seamless and precise communication for surgical guidance.

### Children's Task Manager Svelte app

- Developed the frontend of a dynamic chore management system using **Svelte**
- Implemented a token-based reward system, incentivizing children to complete tasks with a user-friendly interface
- Executed user-friendly features to enhance the overall experience, promoting ease of use for both parents and children.

### Course Outline Creator/Editor MERN stack

- Designed a web-app utilizing MERN stack enabling users to create and manage course outlines in one spot
- Used Google Cloud Platform (GCP) for CI to ensure high availability of the application and added security
- Developed UI with React and CSS; used Express to provide structured responses for client requests

### Web Music Player JavaScript, Node.js, AWS, REST

- Built a web application, deployed on AWS using EC2, that manages music search across various artists, genres, and tracks, building a community of users to interact and share music
- Developed a REST API to fetch and manipulate data from the FreeMusicArchive dataset where users can create playlists and add tracks for seamless music management
- Implemented authentication with Passport, creating a secure login experience for users

## Volunteer

---

### Marketing Director

**Nov 2023 – Present, Toronto, ON**

HackThe6ix

- Promoted from Marketing Executive to Marketing Director, leading strategy and execution of multi-channel campaigns that boosted event visibility and engagement.
- Developed and executed social media, email marketing, and content creation campaigns, driving a 1,000+ follower increase in under six months and ensuring a successful hackathon promotion.
- Managed public email and social media communications, ensuring timely responses and fostering strong community engagement.

## Education

---

### Bachelors of Engineering Science – Software Engineering

University of Western Ontario · Graduated April 2025

Relevant Course Work:

Script Programming · Data Structures & Algorithms · Web Development · Databases · Project Management · OS · ML/AI