

# Tyler Meekel

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## PROJECTS

### YYCHacks Project Backend

- Built the backend for our YYC-IOSK application using Go
- Utilizes OpenAI API endpoints for speech recognition, translation and categorization of user requests

### Note Taking Web Application

- Utilizes the Go programming language for the backend, using templates in conjunction with HTMX for the frontend
- Built-in authentication using Bcrypt and JSON Web Tokens

### Peer to Peer File Sharing CLI Application

- Uses the WebRTC protocol to establish a secure peer to peer connection
- Allows users to easily share files directly and securely to one another

### Social Media Application

- Utilizes MongoDB and Express.js for the backend, and React for the frontend
- Built-in authentication utilizing Bcrypt and JSON Web Tokens

## WORK EXPERIENCE

### **Calgary Winter Club, Calgary, AB** - *Duty Manager*

January 2023 - Current

### **Rexall (Tuscany), Calgary, AB** - *Keyholder*

March 2020 - January 2023

## EDUCATION

**SAIT** - *Diploma in Software Development (September 2023 - April 2025)*

## SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, Go, C#
- **Front-End:** HTML, CSS, React.js, TailwindCSS, SvelteKit, HTMX, Next.js
- **Back-End:** Node.js, Express, PostgreSQL