

JUSTIN SCOPELLETI

SOFTWARE / WEB DEVELOPER

CONTACT



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EDUCATION

McGill University

Bachelor of Science

Computer Science Major
Physics Minor

2017 - 2022



John Abbott College

Diplôme d'Études Collégiales (DEC)

Sciences Program

2015 - 2017



PROJECTS

Discord Bots

Built and maintain several discord bots using TypeScript, dependency injection and Docker. Hosted on GCP as well as self hosted on a Raspberry PI.

Puncher

An app used for locally tracking your hours for shift work. Built using React Native, Redux and TypeScript for cross compatibility with iOS and Android. Includes ability to track hours from multiple different employers at once.

Daydream

A social media app; a mix of the live interactivity of Twitch and the social aspect of Instagram. Built using React Native, JavaScript + TypeScript for the frontend. The backend used AWS (S3, Lambda, API Gateway, AWS SNS) with NodeJS. Made collaboratively with another developer which required regular meetings and proper communication. All versions were managed with Git + Github.

JNSC

A startup consultation and creative services provider. Created a portal (website) for clients to manage and view the status of their projects with JNCS. Stack includes: Qwik, PandaCSS, TypeScript, MongoDB, and Bun; hosted in Docker containers deployed to GCP.

SUMMARY

I'm a motivated software developer with an interest in building and maintaining performant mobile and web applications. I have worked across the full technology stack for both mobile and web development. Some of the technologies I've used on mobile include **React Native**, **AWS**, **Node.js**, **Redux** and the web technologies include **Qwik** and **React** alongside **HTML**, **CSS**, and **Java/TypeScript** to build interactive websites. Other technologies I'm also gaining experience with include **Firebase**, **Google Cloud Platform (GCP)**, and **Docker** to name a few. I am always searching for ways to improve my programming skills, find new interesting projects and strive to make each project something that I can be proud of.

WORK EXPERIENCE

Banquet Server

Elm Ridge Country Club

2018 - 2023

- Serve and clear tables, following a dynamic schedule provided by the banquet manager. Delegate tasks to my partners and coordinate with the other groups to deliver timely service.

Head Busboy

Elm Ridge Country Club

2015 - 2022

- Clear and reset tables, assist waiters with smalls tasks or with serving, clean and prepare busser stations for the following day, communicate, cooperate with and delegate tasks to other bussers.

SKILLS

- **Tools:** Git, Github, Redux, MongoDB, AWS (S3, Lambda, API Gateway), Firebase, Cloudflare, Figma, Docker
- **App Development:** Used NodeJS + TypeScript to create several discord bots which interact with the Discord API through a library (DiscordX) using dependency injection. Some bots were deployed in a docker container hosted on GCP, others self hosted on a Raspberry PI using pm2.
- **Mobile Development:** Used React Native and TypeScript alongside many of the aforementioned tools to build multiple applications for Android and iOS.
- **Personal Qualities:** I am a very quick learner and take an interest in experimenting with the latest technologies including Qwik and Bun to name a few.
- **Documentation:** Wrote structured, example driver, and easily readable documentation on all projects I've developed, including contributing to the documentation of the new Qwik framework.
- **Web Development:** Used React + TypeScript as well as Qwik + TypeScript to create multiple small web pages. Other technologies used include HTML, CSS and PandaCSS (zero-runtime, type-safe CSS-in-JS).
- **Design:** Used Figma to create wireframes, intermediate and final designs of websites I'm developing. Ensuring proper prototyping for responsiveness (Web, Tablet, Mobile designs).
- **Languages:** Ability to communicate in english fluently, both orally and written. Ability to communicate in french both written and orally.