Michael Wong

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Work Experience

Radiant Cleaning Solution   Saskatoon, SK
Freelance Full Stack Software Developer   Nov 2022 - Present
- Created a custom CRM used to manage clients jobs and simplify the invoicing process.
- Developed Interface to automate invoice emails along with storing files in Cloudflare R2.
- Design and Develop a Nextjs interface along with tRPC to create a type safe front to back communication that updates a postgres database with Prisma ORM.
- Implement a database schema that manages transactions with a double entry bookkeeping approach.
- Technologies: React, Nextjs, tRPC, Prisma, aws-sdk, resend, Sentry.

Pivot Furniture Technologies Inc.   Saskatoon, SK
Full Stack Software Developer   25 May 2022 - 23 Nov 2022
- Developed and maintained a codebase of Typescript, React & React Native front-end along with a Hasura/Graphql and AWS Lambda backend with data storage in a Postgres database
- Created and managed features and solutions to track workflow and deliveries using RFID tags and QR codes.
- Worked on a regular on-call schedule to inspect and fix bugs.
- Developed in an agile environment to implement features.

Sprouts Lawncare   Saskatoon, SK
Junior Full Stack Developer   2020-2021
- Worked in a fast-paced team environment
- Developed internal web tools using React and PostgreSQL
- Managed SQL database
- Compile and organize client information

Education

University of Saskatchewan
B.Sc. Computer Science   June 2022

Technical Skills

Tools: Visual Studio Code, Pycharm, Linux, Git, Github, Sentry, BitBucket, Git, Vercel
Languages: Javascript/Typescript, HTML/CSS, SQL (PostgreSQL)
Experience: React, React Native, Node.js, Express.js, Graphql, python, AWS Lambda, Nextjs, Cloudflare R2, resend, tRPC, TailwindCSS.

Projects

Web Portfolio
- My personal portfolio. This is created with Sveltekit and hosted on Vercel.

DnD initiative Tracker
- Electron app used to track player initiative offline.

Enlive Manager
- Interface to manage clients, jobs and automate the majority of the invoice creation and sending process. Created with the NextJS framework and React Library.

Data Analysis
- Filtered and analysed different Log FC values for proteins in order to remove false positives.

Rename Script
- Python script to batch rename files that are within the same directory under certain condition

Skills & Interests

Character: Detail-oriented, organized, flexible, and solution-oriented
Interests: Building computers, modifying keyboards, audio equipment, fishing, hiking, camping, and cars
Language: Fluent in English with minimum proficiency in Cantonese