

SUMMARY

Skilled full-stack software developer proficient in the MERN stack with a background in Physical Therapy, I bring strong empathy and communication skills, adept problem solving abilities and a drive to continually learn new technologies to my work.

RELEVANT SKILLS

Node.js

React

Express/JS

MongoDB

JavaScript

TypeScript

CSS

HTML

Tailwind CSS

NX Dev

Vite

Vitest

GitHub

Figma

Render

Cyclic

EXPERIENCE

Full Stack Software Developer

Freelance, November 2023 - Present

- **Developing, deploying and maintaining full stack web applications:** Participating in all aspects of the life cycle of both front end and full stack web applications, from initial planning to deployment and post-deployment maintenance, iteratively enhancing applications following user and client feedback.
- **Working in an Agile environment:** Participating in daily stand ups and weekly sprints, communicating effectively with my team between SCRUM meetings and participating in pair-programming sessions.
- **Collaborating in a cross-functional team:** Approaching each project with a high level view and helping my coworkers when they face blockers, collaborating with other developers, designers and project managers to deliver high quality, timely projects.

Web Development Teaching Assistant

VSchool, November 2023 - Present

- **Assisting students with theory and code-related questions:** Providing prompt responses to student inquiries, responding to students in under 2 minutes, and applying effective problem-solving skills to address challenges of varying levels of complexity.
- **Collaborating with VSchool instructors:** Escalating unresolved inquiries to other teaching assistants and instructors, collaborating with the team to foster a group-based approach to problem resolution.
- **Contributing to VSchool's culture:** Facilitating communication by forwarding students' requests for clarifications to the relevant instructors, streamlining the learning process and contributing to a more efficient and responsive educational environment.
- **Mentoring new teaching assistants:** Participating in the recruitment and training of new VSchool teaching assistants, providing support for them as needed in their new role.

Physical Therapist

Multiple Employers, January 2014 - December 2019

- **Managing time and clinic resources:** Judiciously managing mine and my patient's time and resources, leading to increased patient outcomes and satisfaction by 80%.
- **Working within a team:** Communicated with an interdisciplinary team of healthcare professionals, patients, caregivers and insurance providers, adapting my communication style for each person on the team.

- **Maintaining a high standard of care:** Maintaining accurate EHR's and facilitating seamless communication among healthcare professionals and engaging in continuous education to stay updated with the latest advancements and best practices.

PROJECTS

Yahtzee – deployed [here](#)

- **Implemented JWT's stateless authentication**, reducing unnecessary server calls and persisted user session via storing client token in local storage.
- **Architected RESTful API endpoints** utilizing a Node.js/Express server with lightweight middleware which orchestrated the routing of all user data between client-side application and SQL database, leveraging Express' light design and increased development speed.
- **Engineered a No SQL database in MongoDB** by implementing schemas for user profiles & games, ultimately persisting application state to establish one to many relationships between users and games through mongoose.
- **Leveraged React Context API and React Hooks** to help create cleaner and more readable code, giving the ability to have a single source of truth in terms of state management, as well as reduce prop drilling without the overhead of a third-party state management.

Memora Events – deployed [here](#)

- **Architected platform features using React**, following front-end module design best practices to reduce code redundancy.
- **Utilized emailJS to provide email integration** for contact form, streamlining communication inquiries between prospective clients and the event planning business.
- **Designed mobile responsive experience using CSS media queries** to create breakpoints at various window view widths, ensuring consistent delivery of a high-quality dynamic UI and intuitive UX built with custom CSS for devices.

Run Tracker – deployed [here](#)

- **Architected RESTful API** utilizing ExpressJS as the server with lightweight middleware to handle security, logging, cors & authentication between client-side applications while developing 10+ endpoints following MVC pattern.
- **Securely hashed and salted user's passwords** by utilizing Bcrypt's secure hashing algorithm and custom iteration count in ExpressJS Middleware prior to saving any sensitive user information.
- **Created a MongoDB database** which supports one to one, one to many and many to many relationships between users, runs, comments and reaction icons.
- **Applied React Hooks and React Router** to create public and authenticated application routes, following the separation of concerns design principle, placing modularized functional components on routes that encapsulate localized sections of the application.

EDUCATION

Software Development Certificate

VSchool, January 2014–December 2019

Bachelor's and Master's Degree in Physical Therapy

Universite Laval, September 2009–December 2013