

Mike Vautour

Full Stack Developer

Experienced software developer with a passion for creating user-focused web applications. Skilled in React, Node.js, and TypeScript, with a proven track record of delivering successful front end and back end projects. Always eager to learn and grow, and excited to bring my skills and enthusiasm to a tech company with global reach.

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Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, PHP, PostgreSQL, MySQL, MariaDB, MongoDB, SQLite

Libraries & Frameworks

React, Express, Apollo, React Router, React Query, Redux Toolkit, React Native, React Testing Library, Tailwind Jest, Cypress, Zod

Tools and Platforms

Git, GitHub, Docker, GitHub Actions, Webpack, Vite, Figma, Adobe Suite, Windows, Mac, Ubuntu, WSL2, Vercel, fly.io

Currently Exploring

Payload CMS, Prisma, Vitest, shadcn/ui, Remix, DSA

Selected Projects

DNS Helper Application

Application developed to solve a problem where clients being onboarded to managed hosting with transactional email were mistyping details into DNS records. This resulted in connection failures and costly additional support to ensure all records are connected. By creating a tool that allows sharing of all relevant records with click to copy functionality and automatic connection tests to ensure success. Users and support staff are able to save time and provide better user experience.

Event Organizer Toolkit

Open source project to create an event management application to be used for the 'Toronto JavaScript' community. Initially the project was originally planned and built using SCRUM methodology but later converted to a build in public project using GitHub Issues and Projects. Built on React, React Router, Tailwind, Express, Prisma, and PostgreSQL, the project aims to provide new developers experience working together and has regular input from senior developers who provide mentorship and peer programming

iglab.dev

Personal website to document current and past projects. Built with Remix / React, Tailwind CSS, Payload CMS, express.js, and MongoDB

Relevant Experience

Frontend / Full-Stack Developer & Designer

Intergalactic Lab Inc. [2022 to Present]

- Carbon footprint tracking application with React and Laravel
- Product customizers for Woo Commerce that allow customers close more sales with less customer support
- Rental property search application rebuild to simplify management of properties for admin team, allow users to create wish lists, and improve usability of search

Freelance Website Designer / Developer

Freelance / Giant Shoe Creative agency [2013 to Present]

- Managing hosting and maintenance. For ongoing clients
- Consulting on technology and web based solutions for small business & restaurant clients in the capacity of assisting in landing new clients and pitching new projects to existing clientele.
- Providing mentoring and feedback to WordPress editors and agency staff
- Extending functionality of WordPress and Woo Commerce through custom plugin development

Director / Digital Systems

Digital Attractions Inc. [2003 - 2013]

- Scaled group photo capture and chromakey system to triple the output. Capturing and fully processing / printing photos for more than 1000 guests per hour.
- Design systems, user interfaces, workflows and architecture of custom software integrating ultra-fast digital photography capture, processing, printing, and sales/ marketing.
- Startup/management team lead responsible for location and systems design and development for new and existing sites.
- Design and oversee the construction of all interior spaces and crowd management ensuring zero delays to attraction queues.
- Designed and presented sales decks and technical proposals to major attraction operators in Canada, the United States, United Kingdom, France, and U.A.E

Professional Development & Certificates

Full Stack Open

University of Helsinki

Completed 250 hours of study and coursework covering modern front and backend development, libraries, and deployment (MERN Stack). Main course consists of 7 Modules. Moreover, successfully finished supplementary modules on:

- GraphQL: Apollo Server, Apollo Client, and subscriptions using Web Sockets
- TypeScript: In React and Node
- React Native: Material UI, Formik, and Expo
- CI/CD: GitHub actions for testing, versioning, and deployment
- Containers: Built development and production Docker networks
- Relational Database: Built an authenticated API with PostgreSQL and Sequelize

Frontend Developer Career Path

scrimba.com

Completed 70 hours of hands on training covering HTML5, CSS, JavaScript, React, functional components, class components, higher order components, React Router, asynchronous JavaScript and API's. Scrimba's unique live-code-in-video training allows users to pause at anytime and play with the code that the instructor is presenting. Allowing users to break, fix and develop a greater understanding.

- Achieved the 'Top Code Reviewer' designation for providing recorded code reviews for other students who requested feedback through the course discord community.

CS50x: Introduction to Computer Science

Harvard University x EDx

Completed ~ 100 hours of lectures, labs, and problem sets covering basic data structures and algorithmic thinking in C / Python. Gained a better understanding of working with data structures and how they interact with memory. Learning how to manipulate data at a low level including pointers and memory management gave a much greater understanding of some of the abstraction we gain from higher level languages such as JavaScript and Python.

Creative Advertising

Centennial College (Story Arts Centre, Toronto)