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Remi Marchand

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Profile

I am an energetic software developer with a passion for best practices and writing high quality, scalable, and well tested code. In my 4+ years of software development, I have designed, built, tested, and maintained complex front-end codebases; improved everything from code to product management practices to onboarding docs, and scrum processes; and managed small teams of developers and interns. I am not afraid to voice my opinions, back them up with evidence, and put in the elbow grease needed to change things for the better!

Employment

Senior Software Developer   **Coursera**   **Feb 2022 - Present**
- Co-lead a working group focused on identifying and advocating for improvements to our front-end codebase. Led an initiative that resulted in the proposal of 2 engineering OKRs for 2023.
- Served as lead front-end developer in launching two growth-related experiments seen by over 100,000 learners.
- Active participant on my team: mentored coworkers, wrote design docs, participated in design reviews and product discovery, and ran events such as book club and a 'drop-in' hour.
- **Technologies:** React, TypeScript, GraphQL, Emotion, React Testing Library, Storybook

Senior Software Developer   **Gubagoo**   **Dec 2020 - Feb 2022**
- Introduced integration testing to the team. Mentored fellow developers through writing tests in Cypress using current best practices: testing by accessible queries and using the factory pattern to create mock API data.
- Overhauled the team's scrum development process resulting in better estimations, alignment, and deliveries. The team was subsequently considered a top performer and model for other teams by leadership.
- Accelerated development by effectively applying technologies such as Eslint, Atomic Design, and TypeScript.
- **Technologies:** React, Redux, TypeScript, Cypress, Testing Library, Emotion, Storybook, SocketIO

Software Developer   **Acerta**   **July 2018 – Oct 2020**
- Designed and developed key product features, including a "module"-based design that improved scalability.
- Developed over 10 Demo UIs for sales reps to show to clients during pitches.
- Mentored co-op students by guiding them through tasks, allowing them reach their full potential as contributors.
- **Technologies:** React, Redux, TypeScript, Jest, Styled-Components, AntD, Echarts, Docker, Azure, Moqups

Education & Certifications

- Just JavaScript by Dan Abramov (Dec 2021)
- CSS for JS Developers by Josh Comeau (Nov 2021)
- Testing JavaScript (April 2021)
- Microsoft Azure Administrator AZ-104 (June 2021)
- Microsoft Azure Fundamentals AZ-900 (April 2021)

B.Sc. in Biology, Minor in CS   **University of Waterloo**   **Fall 2013 – May 2018**
- Coursework: C/C++/Python; Databases; Algorithms; Networking; Bioinformatics Algorithms.

Technical Experience

Projects
- **COVID-19 Globeview** (2020). Developed a tool for visualizing the spread of COVID-19 on a globe broken down by region and time. https://covid19globe.remimstr.com (Vanilla.js, Echarts)
- **Personal Website** (2020). Portfolio site for showing off my work: https://remimstr.com (Svelte)

Languages & Technologies
- **Languages:** JavaScript, TypeScript, CSS, Python, SQL, C (prior experience), C++ (prior experience)
- **Frameworks & Libraries:** React, Redux, Cypress, TypeScript, Testing Library, Styled-Components/Emotion
- **Tools:** Docker, Docker-Compose, Linux, Microsoft Azure, Node.js, Webpack, Jest, Mocha/Chai, Selenium, Cypress, Nginx, MongoDB (prior experience), Elasticsearch (prior experience)