

Profile

I am an energetic software developer with a passion for best practices and writing high quality, scalable, and well tested code. In my 6+ 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

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| Staff Software Developer, Tech Lead | Coursera | Jan 2024 - Present |
| <ul style="list-style-type: none">• Oversaw and provided input on all projects, aligned technical and non-technical stakeholders.• Worked on projects with impact of \$2.5mil estimated annual revenue (upsell), 5% increase in successful registration click rate (reCAPTCHA replacement), 11.9% increase in paid conversion (pathways strategic initiative).• Filled in for my manager while he was away for 2 months, managing two projects end to end.• Technologies: React, TypeScript, GraphQL, Emotion, React Testing Library, Storybook | | |
| Senior Software Developer | Coursera | Feb 2022 - Jan 2024 |
| <ul style="list-style-type: none">• Co-lead a working group focused on identifying and advocating for improvements to our front-end codebase.• Led an engineering wide OKR for 2023, reporting quarterly into eng leadership; surpassed target.• Served as lead front-end developer in launching two growth-related experiments seen by over 100,000 learners. | | |
| Senior Software Developer | Gubagoo | Dec 2020 - Feb 2022 |
| <ul style="list-style-type: none">• 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.• Technologies: React, Redux, TypeScript, Cypress, Testing Library, Emotion, Storybook, SocketIO | | |
| Software Developer | Acerta | July 2018 – Oct 2020 |
| <ul style="list-style-type: none">• 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.• Technologies: React, Redux, TypeScript, Jest, Styled-Components, AntD, Echarts, Docker, Azure, Moqups | | |

Education & Certifications

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

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

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, 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)