

Moshi Li

Software Engineer

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LinkedIn: <https://www.linkedin.com/in/moshi-li/> | Portfolio: <https://li-moshi.com/> |

Github: <https://github.com/moshi-li> ; <https://github.com/MSLI-Coveo>

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, HTML, CSS, C#.
- **Tools:** ES6, Node.js, React, Web Components, Vue.js, Three.js, GSAP, Next.js, Redux, MobX, Cypress, Webpack, Vite, Flask, Express.js, Koa.js, GraphQL, MongoDB, MySQL, Elasticsearch, Grafana, AWS, GCP, GitLab, CI/CD, Docker, WebSocket, Protocol Buffer.

Professional Experiences

Coveo Solutions Inc.

Remote | Montreal, QC, Canada

Software Developer Intern

July 2022 – September 2022

- Participated in the development of Coveo's SaaS solutions for Salesforce platform.
- Conducted research on WCAG accessibility guidelines and developed prototypes to analyze integration feasibility.
- Integrated accessibility features and corresponding test cases into company's open-source reusable component library Coveo/ui-kit, using Web Components and Cypress.

Ubisoft

Chengdu, China

Software Developer | Junior Online Operation Programmer

June 2019 – July 2021

- Built and maintained a micro front-end load testing tool that supported over 25 internal projects using React and AngularJS.
- Developed custom dashboards and implemented a comparison mode for the load testing tool's custom Grafana integration.
- Reduced testing hours for the game QA team by developing tools that facilitated their daily operations.
- Designed and built new API services using Node.js, Koa, and MongoDB to support the load testing tool.
- Led the design and implementation of new CI/CD practices, resulting in improved cross-team code deployment with an average deployment time of 30 minutes, resolving runner race conditions and inter-pipeline delays.
- Reduced website's average loading time by 60% and enhanced its maintainability, driving and participating in the migration of the load testing tool from AngularJS to React.
- Reduced monetary and management costs by participating in the integration of the load testing tool into the company's standard internal services.

Projects

Spacestagram

Demo: <https://li-moshi.com/spacestagram/>

Image browsing web application utilizing GraphQL and NASA public image apis.

Coveo ui-kit

Link <https://github.com/coveo/ui-kit>

A reusable components library for Coveo services.

Education

Northeastern University

Toronto, ON, Canada

Master of Professional Studies in Informatics

September 2021 – March 2023

Relevant Coursework: AWS Cloud Architecting, Network & Cloud Security, Database Management System.

Purdue University

West Lafayette, IN, USA

Bachelor of Science in Computer Science

August 2014 – May 2018

Relevant Coursework: Computer Algorithm, Object-Oriented Programming, Operating Systems, Linear Algebra.