Laura Penstone
Frontend Developer

Over 3 years of industry experience writing scalable, tested, component-based code. Developing and designing beautiful UI's that are accessible to all audiences.

I value and foster a diverse and inclusive workplace.
I believe in being a **Manager of One**.

WORK EXPERIENCE

Frontend Developer
TunnelBear LLC. | November 2017 – present

Worked on a wide variety of web projects, using popular tools and frameworks, while also reducing technical debt.
- Full framework migration from Angular.js to Vue.js
- Complete web rebrand: website, blog theme, support portal
- Rebuilt the TunnelBear for Teams web app
- Interactive animations, such as this **search field animation** and **login form**

Led initiatives to help scale existing web projects.
- Cypress e2e test coverage
- Integrated a headless CMS, creating autonomy for the marketing team

Introduced systems to improve the web team workflow.
- Automations to reduce toil
- Guidelines to fix team pain points (pull requests, code reviews, deployment)
- Created a culture of documentation

Founded a community outreach group, with a mission to give back to the local community and make STEM careers accessible to people of all backgrounds.
- Hosted two resume review workshops for those new to the tech industry
- Partnered with **VentureKids** to teach under-resourced youth how to code

Trivia club co-host: Fostering company inclusivity with team-based fun and useless facts.

Instructor & Mentor
Lighthouse Labs | October 2019 – present

Delivering weekly lectures: Git & development workflow, HTML, CSS, Ruby, Sinatra, Active Record, relational databases, sessions, cookies, and deployment.

Fostering an inclusive and unintimidating learning environment by encouraging student input, questions, and humour.
- Preparing coding activities and running live demos
- Creating illustrations to break down difficult concepts into familiar ideas

Frontend Developer & Designer
Ditto (personal venture – team of 4) | May 2020 – August 2020

Ditto is a video conferencing UI wrapper that allows guests to navigate between video "rooms". It was built to improve remote events for family and friends.

Sole frontend developer: built the app in Vue.js with WebSockets and Jitsi API.
Created the visual branding, designed all UI/UX, and illustrated the graphics.

→ **View the ditto app**

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in **Laura Penstone**

OPEN SOURCE

Stylx
Creating a pre-styled component library and design system to help developers make beautiful web UI's fast and without a designer.

Includes dark mode, responsive design, keyboard accessibility, and the ability to add branding customizations.

→ **View Stylx website**

SKILLS OVERVIEW

Development
HTML, CSS & pre-processors, Javascript, Vue.js, Nuxt.js, WebSockets, e2e testing (Cypress), Webpack, Headless CMS, Gulp, Liquid

Design
Adobe Photoshop, Adobe Illustrator, Figma, Procreate, svg

Workflow
Git (Github, Bitbucket), Continuous deployment (Netlify), Agile, Design systems, UI/UX Design

EDUCATION

Lighthouse Labs
Web Development Diploma

Queen's University
Bachelor of Applied Science (Mechanical Engineering)