

Alessia Bellisario

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Full Stack Web Engineer

LinkedIn · GitHub
New York or Remote

SKILLS

- **Specialties:** ESNext JavaScript, TypeScript, React, Web Accessibility (a11y), Node.js, Next.js, GraphQL, Webpack
- **More Tools and Languages:** Tailwind CSS, Testing Library, Jest, MongoDB, Danger JS

EXPERIENCE

Venmo (PayPal) **May 2020 - Present**

Staff Software Engineer - Member of Technical Staff, 1 (Full-time, New York, NY)

- **Rewriting Venmo's Web Application:** One of two web leads working with a team of thirteen engineers in migrating the consumer web application to Next.js from two legacy codebases, including all webviews used for core flows in the mobile clients with millions of pageviews per month. Enabled new features on web including payments, business profile creation and instant transfers. Web MAUs grew by over 400% from Dec. 2020 to Dec. 2021.
- **WCAG AA Compliance:** Led the team's a11y pillar by conducting lunch and learns on best practices, providing training resources on screen reader use and leveraging axe for partial automation across web and email codebases.

Massachusetts Institute of Technology (MIT) Energy Initiative **March 2020 - May 2021**

Senior Software Engineer (Contract, Remote)

- **SESAME Project:** Developed a science-based web application ("Sustainable Energy System Analysis Modelling Environment") which analyzes the environmental and economic impact of low carbon energy technology systems. Built with Gatsby, Tailwind CSS and AWS cloud services, including CodeBuild triggers for ingesting large datasets.

Breather **January 2015 - April 2020**

Senior Front End Engineer (Full-time, New York, NY)

January 2019 - April 2020

- **Tools for Office Customers:** Led the development of an extensive suite of internal tools for managing, accessing and invoicing long-term office bookings, generating tens of millions of dollars in revenue across North America and London, UK in its first year.
- **Led the Team to Adopt Best Practices:** Led the Best Practices Guild in the adoption of tools and processes to improve developer collaboration and in designing a Request For Comments (RFC) process. Developed a CI/CD process and rolled it out to the entire 20 person engineering team.

Front End Engineer (Full-time, New York, NY)

April 2017 - December 2018

- **Progressive Web App for Landlords:** Architected and developed *Onsite* as Breather's first engineer in the U.S. and leader of the Real Estate Innovations pod. *Onsite* is a PWA made with Preact and Flow, features security and financial reporting and integrates with building access systems used in Class A office towers in Manhattan.

Full Stack Engineer (Full-time, Montréal, Canada)

January 2015 - March 2017

PROJECTS

- **Recurse Center:** Attended the mini 3 batch in April 2019. Built a web app using Rust and WebAssembly that draws happy faces that follow the user's cursor using wasm-bindgen to do direct DOM manipulation from Rust. (2019)
- **gatsby-remark-twitter-cards:** Built a Gatsby plugin with Rust and WebAssembly that generates Open Graph social card images at build time. It supports vector fonts and handles text layout without native dependencies. (2019)

PRESENTATIONS

"Next i18n: Performant, Rich Translations in Next.js" - JS@PayPal Worldwide Virtual Conference (2021)

"A QuickStart™ Guide to Making Things on the Internet" - Google Women Techmakers Montreal (2016)

EDUCATION

Bitmaker Labs (Now Bitmaker General Assembly)

June 2014 - August 2014

JavaScript and Ruby on Rails Bootcamp

Toronto, Canada

University of Toronto

September 2009 - June 2014

Honours Bachelor of Arts in Ethics, Society & Law

Toronto, Canada