Alessia Bellisario

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Full Stack Web Engineer

LinkedIn · GitHub

New York or Remote

SKILLS

- **Specialties**: ESNext JavaScript, TypeScript, React, Building Accessible Interfaces (a11y), Node.js, Next.js, GraphQL, Webpack, Testing Library, Jest
- **More Tools and Languages**: Gatsby, Prettier, Preact, MongoDB, DangerJS, Contentful and other headless CMS

EXPERIENCE

Venmo (PayPal) — May 2020 - Present

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

- **Rewriting Venmo.com**: One of two front-end web leads working with a team of thirteen engineers in migrating the consumer-facing web application to Next.js from two legacy codebases, including all webviews used for core flows in the mobile clients with tens of millions of pageviews per month. Web MAUs grew by triple digit percent from Dec. 2020 to Dec. 2021.

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

Senior Software Engineer (Contract, Remote)

- **SESAME Project**: Developed a science-based application ("Sustainable Energy System Analysis Modelling Environment") which analyzes the environmental and economic impact of low carbon energy technology systems.

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 administrative tools and internal tooling 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 to Ship Software Faster**: Led the Best Practices Guild in the adoption of tools and processes to improve developer collaboration and led the team 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*

- **Overhaul Access Controls**: Built interfaces for managing critical door code information and inviting meeting attendees via email or magic link. Developed a tool for generating transactional email templates.

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*

The LaTeX source for this resumé can be found at github.com/alessbell/resume