

# Julian Boilen

Experienced full stack software engineer in NYC with penchant for design.

julianboilen.com

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## SIDE PROJECTS

- Built a 'street view' of 1940s NYC using digitized Municipal Archives photos of every building in the city at that time. [1940s.nyc](#). (2020)  
*Press:* Frommer's, Time Out, Boing Boing, Brooklyn Paper, Inside Edition
- Developed an interactive visualization of US Census data about artists in the United States in collaboration with a statistician and an NYC artists' collective studying the value of art school. Exhibited on a wall-mounted iPad for 3 months in the Museum of Arts and Design's *NYC Makers* biennial; accompanied the Brooklyn Museum show *Crossing Brooklyn*. [censusreport.bfamfaphd.com](#) (2014) *Press:* Hyperallergic
- Produced "Posthumans", a one-season podcast on Posthumanism in collaboration with a posthumanist philosopher and field-leading guests (2020) [Link](#)
- Helped launch and grow a low-power FM community radio station in Takoma Park, MD/DC with a custom web application to browse and listen to show archive recordings and playlists and view a programming schedule. (2018, also built initial site in 2011)
- Developed a website for arts and culture grantmakers to learn about the solidarity economy. [art.coop](#) (2021)

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## WORK EXPERIENCE

### Stripe, Inc., Senior Software Engineer on Stripe Capital

June 2022–Jan 2025

Drove frontend platform modernization for Stripe's small-business lending product—defined and rolled out modular patterns and guidelines that eliminated 2,000+ lines of legacy code and became the team's new standard. Designed backend abstractions for extensible lendability checks, earning the Craftsmanship Award for meticulous systems design and mentorship. Led engineering efforts for a lending partnership launch through detailed roadmaps, task management, and stakeholder communication, and built a reproducible synthetic-test system safeguarding critical-path flows.

Tech: TypeScript, React, Ruby/Sorbet, MongoDB

### FreeWill Co., Senior Software Engineer & Tech Lead

July 2019–Jan 2022

As an early engineer, I created and implemented software patterns that built a solid foundation for rapid development of new and future estate planning products and expansion to new markets, including: a React-based PDF generator, an abstraction for step-based flows, using Tsoa and OpenAPI to generate RESTful routes and a typed frontend client library, a framework for internationalization and localization, and a screenshot-diffing testing system using Cypress. Raised \$4B+ for charity.

Tech: Serverless architecture, AWS Lambda, JavaScript, TypeScript, Node.js, React, PostgreSQL.

### Squarespace Inc., Senior Software Engineer & Team Lead

July 2018–July 2019

Launched a new team to research, design, and implement features to help businesses with a physical presence manage their online brand across online directory sites like Google Maps. On-boarded new hires and formulated new frontend design patterns in a greenfield project. Held regular scrum rituals and one-on-ones.

### Squarespace Inc., Software Engineer

June 2015–July 2018

Deeply involved from the beginning in architecting and building a highly intricate event-sourced custom subscription billing system to accurately bill customers for Squarespace's several products (websites, domains, email, stock imagery) while maintaining a long history of millions of customers in an interminable number of states, producing accurate data for revenue recognition, and collecting global taxes. Worked full-stack across the whole Squarespace product throughout this time. Leveraged microservice architecture, event-sourcing, Spring Boot, PostgreSQL, MongoDB, REST, Kubernetes, React, JavaScript, TypeScript, Java.

### Squarespace Inc., Software Engineering Intern

January–August 2014

### Siteworx, LLC., Backend Development Intern

June–August 2013

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## EDUCATION

### Rochester Institute of Technology, BS in Software Engineering

Graduated 2015

**Summa cum laude**