

# Patrick Stoica

Senior Software Engineer

Fullstack developer and creative technologist with a decade of startup and freelancing experience. Keen eye for UX, lean operations, and sustainable solutions.

## Contact Info

Brooklyn, New York  
github.com/pstoica  
linkedin.com/in/pstoica  
hi@patrickstoica.com

## Skills

HTML/WAI-ARIA  
CSS (SASS/Less)  
JavaScript/TypeScript  
Node.js/Express/Next.js  
Python/Flask/FastAPI  
Ruby/Rails  
Java/C/C++  
React.js/Angular/Svelte  
Redux/MobX  
Data Visualizations (D3.js)  
APIs (REST/GraphQL)  
Databases (SQL/NoSQL)  
DevOps/InfraOps  
CI/Terraform/Docker  
Automated Testing  
Browser Automation  
CMS (WordPress, headless)  
Audio + Graphics  
VCS (Git)

## Work Experience

### Puzzle Financial

Senior Software Engineer | Oct 2020 - May 2023

- Led frontend development (Next.js) by establishing design systems and fullstack (GraphQL/TypeScript) standards, scaling from 8 to 40+ employees and contractors.
- Implemented core accounting workflows (e.g. reconciliations, journal entries), account integrations, reports, charts, and partnership integrations for 1000+ users.
- Incorporated fullstack product analytics with PostHog/RudderStack; enabled engineers and PMs to track and analyze hundreds of new users a month and millions of dollars in processed transactions.
- Increased user engagement (recurring visits and time spent) by developing a multi-channel notification system using Knock.app.

### NS8

Senior Software Engineer | Apr 2020 - Sep 2020

- Developed fraud detection integrations for eCommerce platforms (WooCommerce, Salesforce) using TypeScript, AWS Lambda, and internal/platform APIs.
- Researched WordPress and WooCommerce to guide plugin architecture; created development and QA environments using Docker, AWS ECS, Terraform, and CircleCI.
- Refactored browser-based E2E tests to create a common repository which other platforms and teams could extend.

### Hugo & Marie

Software Engineer (Contract) | Dec 2019 - Mar 2020

- Developed Audible for Business marketing site using Next.js and Contentful in collaboration with designers and PMs.
- Developed rewards system proof of concept for Argent.

## Telnyx

Senior Software Engineer | Nov 2018 – Nov 2019

- Developed internal and customer-facing React and Angular apps; migrated Angular components to React while improving perceived performance.
- Implemented visualizations for business/uptime insights; supported TV displays and in-depth analysis for desktop users.
- Served on-call rotation, ensuring quick triaging and resolution of user-facing bugs; met weekly with frontend chapter to discuss ongoing areas of improvement.
- Created and published WebRTC SDK which powers real-time video applications for a broad customer base.

## PodOp

Software Engineer (Contract) | Sep 2017 – Feb 2018

- Created the browser-based experience for HBO/Steven Soderbergh's Mosaic interactive series using React/MobX and PodOp's REST API.
- Regularly met with designers, PMs, and remote QA to review and incorporate feedback.

## Ando Food

Software Engineer | Apr 2016 – Apr 2017

- Led development of the web-based food delivery app in React and MobX, scaling to 2 kitchens and 1000s of customers; acquired by Uber Eats.
- Extended backend API using Hapi, MongoDB, and Firebase (for real-time inventory and order tracking).
- Developed internal Kitchen Display System and in-house support tools alongside PMs, designers, and support/kitchen staff.
- Built a custom kitchen label printer system using Node.js and HTML templates.
- Doubled order volume and reduced manual labor by synchronizing Seamless/Grubhub orders via browser automation.

## Squarespace

Software Engineer | Jun 2014 - Oct 2015

- Standardized frontend build system from in-house scripts to Webpack, Babel, and npm, enabling simpler use of the JS ecosystem.
- Started incremental migration of core site builder from YUI (deprecated) to React, enabling a modern development experience, code splitting, and more responsive UIs (e.g. ~1.5x faster inputs).
- Extended and improved site builder; created reusable survey components to track conversions and churn.
- Established biweekly frontend meetings to discuss new techniques and best practices.

## SingleOps

Interim Technical Lead | Jun 2013 - Mar 2014

- Spearheaded fixes and feature development using Ruby on Rails, MongoDB, and AngularJS; fully staffed with \$4B processed in customer revenue since.

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### Education

## Georgia Institute of Technology

B.S. Computer Science | 2010 - 2014

- Specialization in Media (Graphics/Audio) and Information Systems
- IT Director, DJ, and live show producer at WREK 91.1 FM

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### Volunteering

## CodeNation

Volunteer Instructor | Sep 2015 - Aug 2016

- Taught high school students coding fundamentals through web development.