Patrick Stoica

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Senior full-stack engineer with 10+ years of experience across developer tools, fintech, and consumer products. Specializes in React/TypeScript, product experimentation, and shipping AI features. Track record of scaling products and cross-functional teams from early-stage to growth.

SKILLS

Languages: JavaScript, TypeScript, Python, Ruby, Swift, Go, Java, C/C++

React ecosystem: React, Next.js, React Query, Redux, Zustand, D3.js, Recharts

Styling: Tailwind, CSS Modules, CSS-in-JS, SASS, design systems

APIs/Backend: GraphQL, REST, Node.js, Express, tRPC, Flask, FastAPI, Ruby on Rails

AI/LLM: LLM integration, OpenAI API, Anthropic API, prompt engineering, AI agent UX

Databases: PostgreSQL, MongoDB, Firebase, SQL, NoSQL

DevOps/Cloud: AWS (Lambda, ECS), Docker, Terraform, CircleCI, CI/CD pipelines

Analytics: Amplitude, PostHog, RudderStack, A/B testing, feature flags

Other: WebSockets, WebRTC, iOS/Swift, Headless CMS, Contentful, WordPress, Figma, Git

EXPERIENCE

staticvoid.studio   Aug 2023 – Present
Founder, Independent Software Developer

- Provide full-stack consulting, web development, and audiovisual production for early-stage startups, small businesses, and creative clients.
- Sole designer and developer of Orbital Harp (orbitalharp.com), a generative music iOS app built in native Swift and shipped to the App Store in one month; features physics-based planet/orbit mechanics, 17 instruments, real-time audio effects, MIDI/MPE output, and procedurally evolving visuals using SpriteKit, AVFoundation, AudioKit, and GLSL shaders.
- Prototyped Senseweave, a touch-based real-time generative graphics app in Unity.
- Contracted on Patreon's Next.js marketing site: reduced CI/CD build time by 73% (30 to 8 minutes), developed promotional microsites, maintained headless CMS architecture, and assisted with content updates.

Replit   Mar 2024 – Jul 2025
Senior Software Engineer

- Designed and shipped Replit's first Integrations pane: guided third-party API setup with code samples, validated via A/B test (Amplitude) that drove a 31% lift in secrets added and 5.7% increase in AI feature usage across all skill levels.
- Prototyped a deployment debugging tool that used an LLM to explain errors and suggest fixes, reducing time-to-resolution for failed deployments.
- Owned UX/UI development of Replit Auth, a first-party authentication platform feature, working closely with the infrastructure team.
- Shipped mobile push notifications for the agent experience; co-developed the first version of iOS Live Activities with the mobile engineering team.
- Contributed agent and workspace UX improvements across the React/TypeScript frontend as part of the Workspace UX team; adopted Cursor and Claude early for day-to-day development.

Puzzle Financial   Oct 2020 – Jun 2023
Senior Software Engineer

- Led React/Next.js frontend development, establishing design system and GraphQL/TypeScript fullstack standards as the team scaled from 8 to 40+ engineers and contractors.
- Built core fintech workflows including reconciliations, journal entries, account integrations, data visualizations, and partner integrations serving 1,000+ users.
- Instrumented fullstack product analytics with PostHog and RudderStack, giving engineers and PMs visibility into hundreds of monthly user activations and millions of dollars in processed transactions.
- Improved retention and engagement by engineering a multi-channel notification system using Knock.app.

NS8   Apr 2020 – Sep 2020

Senior Software Engineer

- Built TypeScript fraud detection integrations for eCommerce platforms (WooCommerce, Salesforce Commerce Cloud) using AWS Lambda and REST APIs.
- Architected plugin development and QA environments using Docker, AWS ECS, Terraform, and CircleCI; documented WordPress/WooCommerce integration patterns.
- Refactored E2E browser automation test suite into a shared repository enabling cross-team reuse across platform integrations.

Hugo & Marie   Dec 2019 – Mar 2020

Software Engineer (Contract)

- Engineered the Audible for Business marketing site using Next.js and Contentful CMS in close collaboration with design and product teams.
- Built a proof-of-concept rewards system for Argent using React and REST APIs.

Telnyx   Nov 2018 – Nov 2019

Senior Software Engineer

- Built and maintained internal and customer-facing React/Angular web applications; led incremental Angular-to-React migration improving perceived performance and developer experience.
- Engineered real-time data visualizations for network uptime and business insights, supporting large-format TV dashboards and detailed desktop analytics views.
- Participated in on-call engineering rotation for rapid triage and resolution of production incidents; led weekly frontend chapter syncs on best practices.
- Developed and published an open-source WebRTC SDK for real-time video communication, adopted across Telnyx's customer base.

PodOp   Sep 2017 – Feb 2018

Software Engineer (Contract)

- Built the interactive browser-based experience for HBO's Mosaic series (dir. Steven Soderbergh) using React, MobX, and REST APIs; iterated closely with design and QA teams.

Ando Food   Apr 2016 – Apr 2017

Software Engineer

- Led full-stack development of a React/MobX food delivery web app scaling to 2 kitchens and thousands of customers; product acquired by Uber Eats.
- Extended Node.js/Hapi backend and MongoDB data layer; integrated Firebase for real-time order tracking and inventory management.
- 2x'd order volume and reduced manual labor by automating Seamless/Grubhub order synchronization via browser automation.
- Built internal Kitchen Display System and custom label printing system using Node.js and HTML templating.

Squarespace   Jun 2014 – Oct 2015

Software Engineer

- Standardized frontend build tooling from custom scripts to Webpack, Babel, and npm, modernizing the JavaScript development workflow across the engineering org.
- Spearheaded incremental migration of the core site builder from deprecated YUI to React, enabling code splitting and ~1.5x input responsiveness improvement.
- Built reusable survey components for conversion and churn tracking.

SingleOps   Jun 2013 – Mar 2014

Interim Technical Lead

- Feature development and bug fixes using Ruby on Rails, MongoDB, and AngularJS; company has since processed $4B+ in customer revenue.

EDUCATION

Georgia Institute of Technology   2010 – 2014

B.S. Computer Science, Specialization in Media (Graphics/Audio) and Information Systems