

Corey Johns

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Experienced software engineer with expertise in the design and implementation of systems across the stack. Currently working with Haskell, TypeScript, and NixOS. Interested in platform engineering and scaling infrastructure.

Experience

Staff Software Engineer, Freckle by Renaissance (07/2017 - 10/2025)

Working across the full stack to build out and scale applications for educators and students.

- Implemented engaging user experiences with emphasis on rapid prototyping, validation through A/B testing, and best practices via accessibility and component frameworks.
- Led adoption of libraries including TypeScript, Testing Library, AriaKit, and Vite.
- Core contributor to production Haskell backend and supporting libraries.
- Designed Node.js-based backend service architecture using Effect and Drizzle.
- Improved devops and tooling with Nix, Gitops, Docker, and GitHub CI.

Director of Technology, UPchieve (10/2016 - 10/2017)

Led development and launch of volunteer-run tutoring platform.

- Created real time user experience using Vue.js, Node.js and sockets.io.
- All code open-sourced on Github: <https://www.github.com/upchieve>.

Senior Fullstack Engineer, Mattermark Studios (03/2017 - 07/2017)

Lead engineer for E-commerce React and React Native application, using Babel/ES6 with Webpack, Redux, and Jest.

Software Developer, Manylabs (03/2017 - 05/2017)

Contributor to open source software for NSF-funded sensor-based science education project called InSPECT.

- Redesigned frontend UI with Vue.js.
- Developed interactive data visualization using SVG and `<canvas>`.
- Worked with controller backend using Python and Flask.

Senior Software Engineer, Speakeasy.co (10/2014 - 11/2016)

Developer for early-stage voice conferencing sales platform.

- Implemented frontend MVC architecture using Backbone Marionette.
 - Built user flows for conferencing calling, in-call management, chat, document sharing, and Salesforce data manipulation.
 - Created prototypes for screen sharing, connection quality analytics, and VoIP calling using WebRTC.
 - Created build and deployment system with static analysis, testing, and optimizations on frontend code.
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Education

Florida State University (2010 - 2014)

Bachelor of Science (B.S.), Electrical and Computer Engineering

Links

- GitHub: <https://www.github.com/stackptr>
- LinkedIn: <https://www.linkedin.com/in/coreyjohns>