Jake Hamilton
Software Engineer

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github.com/jakehamilton   codepen.io/short

Experience

Aux   March 2024 - Present
Creator

❄ Nix   ❄ NixOS   👥 Leadership   🧪 R&D

- Created a reimplementation of a pure Nix library from Nixpkgs.
- Created a full binary bootstrap chain from a minimal binary seed.
- Developed a highly configurable package set built on top of Aux's binary bootstrap.
- Organization of multiple groups ranging from developers to documentation contributors.

Replit   February 2023 - February 2024
Software Engineer

⚛ React   ⚛ NextJS   ⚛ Jotai   ❄ Nix   TS TypeScript

- Modern web app development with NextJS.
- Building an in-browser integrated development environment.
- Dynamic widget integrations.
- Package management and maintenance with Nix.

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Intuit April 2021 - November 2022
Software Engineer 2

`React` `Redux` `Nix` `TypeScript` `Styled Components`

- Legacy application migration to TypeScript and modern React with Redux + React Hooks for complex application state.
- Improved Developer Experience and onboarding time with Nix-based tooling, saving developers hours of setup and increasing cross-team contributions.
- Enforced clean code standards to ensure maintainability and performance of projects.

SurePrep July 2019 - March 2021
Software Engineer

`React` `Redux` `TypeScript` `GitOps` `Kubernetes`

- Complex data management and rich user interfaces with React.
- Kubernetes & CI/CD infrastructure creation and maintenance.
- Migration from React's Class Components to Function Components using React Hooks.

ScrollMotion January 2017 - February 2019
Software Engineer

`Vue` `Vuex` `Electron` `NodeJS` `Docker`

- Advanced web and desktop applications with Vue.
- Prototyping and architecting Ingage Desktop.
- Creation of JavaScript library/sdk.
- Championed page speed and accessibility.
- Creation and maintenance of private services (Verdaccio, Docker Registry).

CodeCampus March 2015 - December 2016
Educator

`HTML` `CSS` `JavaScript` `Curriculum` `Presenting`

- Modern web development.
- Intro to web development class curriculum creation.
- Intro to programming (Elementary - Middle School) and intro to web development (Middle - High School) courses.