


Patrick Poole

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Skills

- HTML | CSS | JavaScript | TypeScript | GraphQL | Python | SQL | Swift
- React | Redux | React Native | Django | NodeJS | Vue | Next.js | TailwindCSS | Jest
- Git | GitHub | Bitbucket | Figma | Jira | AWS | Docker | Firebase | Sanity

Work Experience

Senior Front End Engineer

May 2024 – Jan 2025

[Liminal](#) | Remote

- Designed and implemented robust frontend features for a secure platform enabling the compliant use of large language models (LLMs) in industries like finance, insurance, and healthcare using Next.js, React, TypeScript, and TailwindCSS
- Collaborated cross-functionally with product and design teams to translate specifications into actionable Jira tickets, create intuitive UIs in Figma, and ensure designs adhered to requirements
- Led the development of an "Assistants" feature allowing users to create specialized generative AI's with specific instructions and custom features
- Built a user role and permissions system, enabling admins to create and assign granular CRUD access to various application features, enhancing admin visibility into user behavior, and reducing support escalations related to audit trails
- Streamlined UI consistency by consolidating redundant components into reusable elements, reducing frontend maintenance time and accelerating feature development cycles
- Eliminated tech debt, achieving full type safety across the codebase by replacing all instances of 'any' with precise TypeScript interfaces and refactoring providers, contexts, and custom hooks for improved maintainability

Full Stack Engineer

Nov 2019 – May 2024

[WageUp](#) | Denver, Colorado

- Completed the redesign and reconstruction of the React Native and Quasar (Vue framework) mobile applications increasing satisfaction scores of the app users by over 20%
- Nominated for "Innovative Product of the Year" by AAA (ACA Club) in 2020
- Facilitated \$2M+ in incentives through the mobile app for over 10,000 users
- Designed intuitive interfaces, implemented features, and resolved bugs for both desktop and mobile applications using Vue, Python (Django), and SQL
- Created scalable and maintainable application backend infrastructure using Django as a middleware between the database and frontend facing products
- Built the training section of the new desktop application, leveraging WageUp's "Coach", an NLP-powered AI assistant that utilizes a vector database to create embedded models of a company's training materials, automatically generating training resources, lessons, and videos for employees

Front End Developer
[FareHarbor](#) | Denver, Colorado

May 2018 – Nov 2019

- Integrated over 1,000 FareHarbor client websites using HTML, CSS, JavaScript, and jQuery creating exceptional UI/UX to optimize bookings and revenue
- Developed two internal tools in React: an AirTable Metrics Dashboard to track team statistics and metrics and a Button Component Generator to aid new and non-technical employees with website integrations

Portfolio Side Projects

[VenU](#)

- Built a concert application that helps users find local concerts, share information about “Underground” events, and save shows to a calendar within the app
- Allowed the users the ability to listen to artist songs and discover more about the artist using the Spotify API

[Street Honey](#)

- Created a website for a film photography brand using React, Typescript, Next.js, GraphQL, Sanity, and the Stripe API to sell photographic prints online and promote community events

Volunteer

Software Engineer
Code for Denver | Denver, Colorado

June 2019 – March 2020

- Worked with a small team 5-10 hours a week to develop a software that manages the 3D printing machine at the Denver Public Library
- Utilized the latest version of React Hooks to build an interface that allows employees to create, read, update, and delete various print queues
- Tasked with creating and managing various functional components including the login, create account, search bar, and queue components

Education

University of Colorado Boulder – Bachelor of Science

May 2018

- GPA 3.54
- Honors: Dean’s List 2016, 2017, & 2018
- Relevant Coursework: Computer Science, Front-End Web Development, Advanced Web Frameworks, Entrepreneurial Environments

Continued Learning

FireShip.io – Next.js Full Course

- Provides an in depth look at Next.js App Router introduced in version 13.2
- Puts React Server Components into practice by building a full-stack application from scratch with PostgreSQL and Prisma
- Utilizes best practice authentication strategies using the Auth.js library