

# Colton Kaiser

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Portfolio: [coltonkaiser.dev](https://coltonkaiser.dev) | GitHub: [github.com/ckaiser258](https://github.com/ckaiser258)

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## EXECUTIVE SUMMARY

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Passionate software engineer with 4 years of experience. My experience provides me with a diverse knowledge of technologies, strong analytical skills, communication skills, and a systems-driven mindset which informs my coding. I combine my leadership skills with my software engineering expertise to contribute to organizations that value professionalism, collaboration, and offer a rich environment for constant growth and improvement.

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## TECHNICAL SKILLS

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ReactJS, Next.js, Typescript, JavaScript, GraphQL, Apollo, Prisma, Node.js, PostgreSQL, Cypress, Material UI, HTML/CSS, Git Version Control, Agile Development, Front End Development, Full Stack Development, CI/CD, Java, Python, Object Oriented Programming, Software Architecture

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## PROFESSIONAL EXPERIENCE

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### Software Engineer

Workday

Boulder, CO / Hybrid

06/2023 – Current

- Spearheading the development of new features, bug resolution, and performance monitoring for the homepage, serving approximately 30 million users, utilizing React.js, TypeScript, Node.js/Express, and GraphQL.
- Leveraging Grafana and Solace for advanced monitoring and tracking of system performance issues, ensuring high availability and seamless user experience for around 30 million users.
- Acting as Scrum Master, facilitating agile ceremonies, enhancing team communication, and ensuring the timely delivery of project milestones.
- Enhancing collaboration efforts by working closely with product, design, and QA teams to align on project goals, iterate on feedback, and deliver high-quality software solutions.
- Implementing best practices in code review, continuous integration (CI), and continuous deployment (CD) processes to optimize software delivery and performance.
- Playing a pivotal role in maintaining the scalability and reliability of the homepage, ensuring the platform's responsiveness and uptime meet the highest industry standards.

### Software Engineer

Promoboxx

Denver, CO / Remote

11/2020 – 06/2023

- **Software Engineer (11/2022 – 06/2023):**
  - Built and improved large-scale features for multiple projects using technologies such as React.js, Typescript, Node.js, and GraphQL.
  - Implemented agile development methodologies and CI/CD processes across various environments to accelerate project delivery.
  - In addition to coding and coordinating with other engineers across multiple teams, regularly coordinated with the Product team to decide on the best decisions to make for features and consult on the best ways to execute them.
  - Squad leader for multiple projects, including Instagram Automation, which resulted in an over 10X increase in Instagram shares across users of the application.
  - Spearheaded a "Sub Brands" project aimed at providing an accurate view of app value, effectiveness, and profitability to potential investors for better cash flow and investor buy-in.
- **Junior Software Engineer (11/2020 – 11/2022):**
  - Developed and enhanced features in a fast-paced startup environment using React.js, Typescript, Node.js, and GraphQL.
  - Successfully resolved bugs and tested code across various environments.
  - Collaborated effectively with frontend, backend, and data teams to predict and troubleshoot issues while delivering optimal solutions.
  - Formulated and executed tech plans for significant features across the platform.
  - Utilized CircleCI for seamless CI/CD in multiple environments.
  - Managed agile development, ticket tracking, feature/bug pointing, and task delegation through Jira.

**Volunteer Software Engineer**  
Snowpool

Seattle, WA  
08/2020 – 11/2020

- Collaborated with a team to develop a carpooling app, increasing accessibility and promoting environmental responsibility in Washington's snow sport destinations.
- Demonstrated strong teamwork skills, utilizing git version control, meeting deadlines, and communicating effectively to deliver high-quality results.
- Leveraged React, React Native, JavaScript, Ruby on Rails, and PostgreSQL to build innovative features.
- Partnered with UX/UI designers to transform mockups and wireframes into an engaging and memorable platform.

**Software Engineering Fellowship**  
Flatiron School

Seattle, WA  
04/2020 - 08/2020

- Developed skillsets in Ruby, Rails, Javascript, React/Redux, SQL, Computer Science fundamentals, HTML/CSS, data structure libraries for solving algorithms, and created multiple projects/full-stack applications.
- Learned full-stack software engineering via test-driven development, using git version control to collaborate on pair programming projects, and solo projects.

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**TECHNICAL PROJECTS**

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**AI Powered Travel and Language Learning App** - [Github](#) | [Hosted Demo](#)

An AI powered application that allows users to generate personalized exercises to learn any language in the world, generate words and phrases they should be aware of in any location on earth, ask any travel-related question they want to a chatbot, and translate any language into any other language they'd like.

- Built using Next.js, React, Typescript, and the OpenAI API
- Backend built with GraphQL/Apollo, Prisma, Node.js, and PostgreSQL
- Utilizes GraphQL Codegen for increased type safety, improved developer experience, and consistency
- Utilizes NextAuth for user authentication/authorization

**Performance Mapper** - [Github Frontend](#) | [Github Backend](#) | [Demo Video](#)

An athletic performance monitoring tool that allows strength and conditioning coaches to monitor the performance and injury trends of their teams/athletes

- Used React, React Bootstrap, and Material UI for the frontend user experience
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side
- Created a Rails backend with BCrypt to allow users to securely store, access, and modify their information
- Used React ChartJS to display recorded subjective data for individual athletes as well as objective trends in performance and injuries throughout the user's teams

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**EDUCATION**

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**University of Colorado Boulder (4.0 GPA)**

Non-Degree Graduate Studies, Computer Science

Boulder, CO  
03/ 2024

**Flatiron School**

Full Stack Software Development, Software Engineering Immersive Program

Seattle, WA  
08/ 2020

**Seattle University (3.7 GPA)**

M.A. in Sports Administration & Leadership

Seattle, WA  
06/ 2019

**Arizona State University**

B.S. in Exercise Science

Phoenix, AZ  
06/ 2016