# Rick Vermeil

Software Engineer

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Building intuitive and impactful software takes more than just clean code — it takes patience, persistence, and the ability to see through your user's eyes. I strive to build with intention, empathy, and care — for the user, the developer, and the details.

## SKILLS

**Languages & Frameworks:** React, TypeScript, JavaScript, Next.js, CSS, Sass, Tailwind, HTML, SQL, Node.js
**Systems & Practices:** Software Development, Object Oriented Programming, UI/UX Development and Design, Web Development, Jest, Mocha, Cypress, Unit Testing, End to End Testing, Test Driven Development, Git, GitHub, Jira, Jenkins, Redux, Figma, RESTful APIs, Agile Methodologies, Continuous Integration and Deployment

## PROJECTS

**SendTemps** | [Repo](#) | 12/2023 - Present | Solo project
**Tech:** Next.js, React, TypeScript, NextAuth, Node.js, PostgreSQL, Google OAuth, Google Maps API, Vercel Storage
- Architected SendTemps, a full-stack Next.js 14 app, tailored for Colorado Front Range outdoor enthusiasts, delivering precise NOAA forecasts for both well-known and user-created backcountry locations.
- Integrated Google OAuth and NextAuth for effortless user authentication, Google Maps API for user-friendly custom location creation, and a Node.js backend and PostgreSQL database with comprehensive CRUD operations, complemented by user-focused error handling.

**Ride Ready** | [FE Repo](#) | [BE Repo](#) | 3/2023 - Present | Solo project
**Tech:** React, JavaScript, Cypress, OAuth2.0, Node.js, Express, MySQL, Heroku, Sass, CSS, HTML
- Integrated OAuth 2.0 authentication with Strava to leverage a user's ride data, enabling the precise calculation of remaining service life for mountain bike suspension in accordance with manufacturer guidelines.
- Designed and built the MVP in one week, achieving functionality far beyond Turing's technical requirements for the project.

**Backcountry Bookings** | [Repo](#) | 4/2023 | 7-person team
**Tech:** React, TypeScript, Rails, Ruby, Sass, CSS, HTML, Cypress, Google Maps API, AWS S3 Bucket
- Led frontend development and coordinated as Product Manager on a full-stack team that built a U.S. National Park campground search and review platform, featuring management of user-uploaded photos
- Earned first place in Turing's "Demo Comp," judged by software professionals and selected from a field of standout projects.

## PROFESSIONAL EXPERIENCE

**Software Engineer** - percipient.ai, Santa Clara, CA - April 2024 to present
- Contributed to a highly complex AI powered React/TypeScript computer visualization security application.
- Owned and produced many useful UI features, triaged and fixed bugs as an on call engineer and reviewed PR's.
- Collaborated regularly with the product team on feature designs and functionality to optimize our product's UX.

**Freelance Software Engineer** - Vermeil Web Solutions LLC, Erie, CO - May 2023 to present
- Crafted a full-stack [Next.js application](#) for Buttermilk Kitchen to survey secret shoppers about their restaurant experience, collect images from their visit, and send managing staff the collected data via an email service API.
- Designed and engineered a responsive, visually appealing [portfolio website](#) for a professional photographer using Next.js, focusing on a mobile-first experience with image optimization techniques that reduced initial load time by over 500%.
- Translated web development concepts to all of my clients, aligning technical solutions with their business goals, adhering to budget constraints, and meeting tight deadlines.

**Product Owner / Content Marketing Manager** - Bestop Inc., Louisville, CO - July 2020 to August 2022
- Led a team of web developers as the Product Owner of a multi-brand e-commerce website development project.
- Increased development productivity by introducing Agile methodologies while reducing the overall expenditure by over 30%.
- Managed and created all e-commerce website content for the brand via WordPress and BigCommerce.

## EDUCATION

Front-End Software Engineering - Turing School of Software and Design, Denver, CO          Apr 2023

Bachelor's of Science, Business / Marketing - West Chester Univ. of PA, West Chester, PA          May 2010